

Program EVALPLOT  
(Version 2017-1)

by

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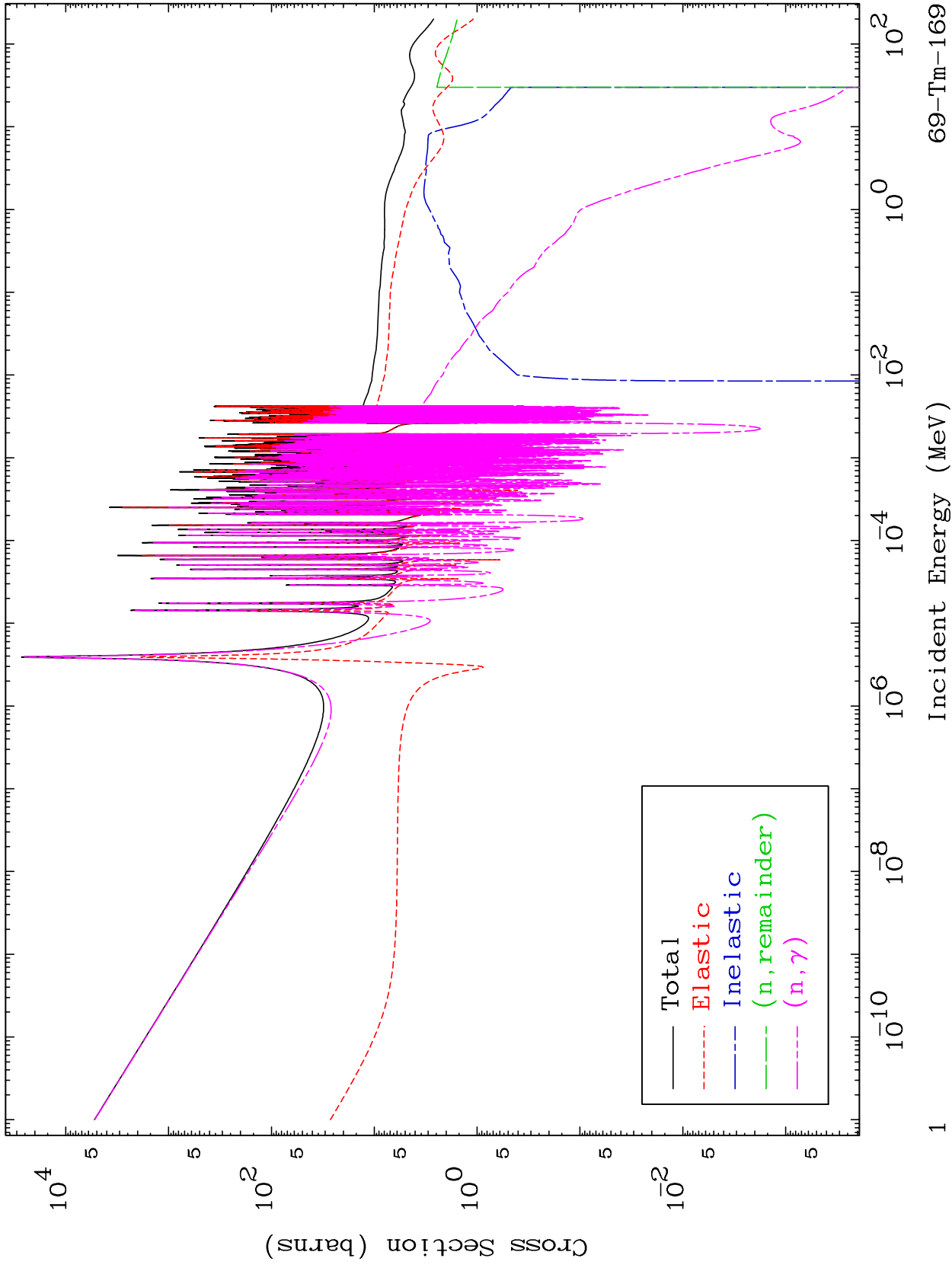
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6925

Major  
293 Kelvin Cross Sections

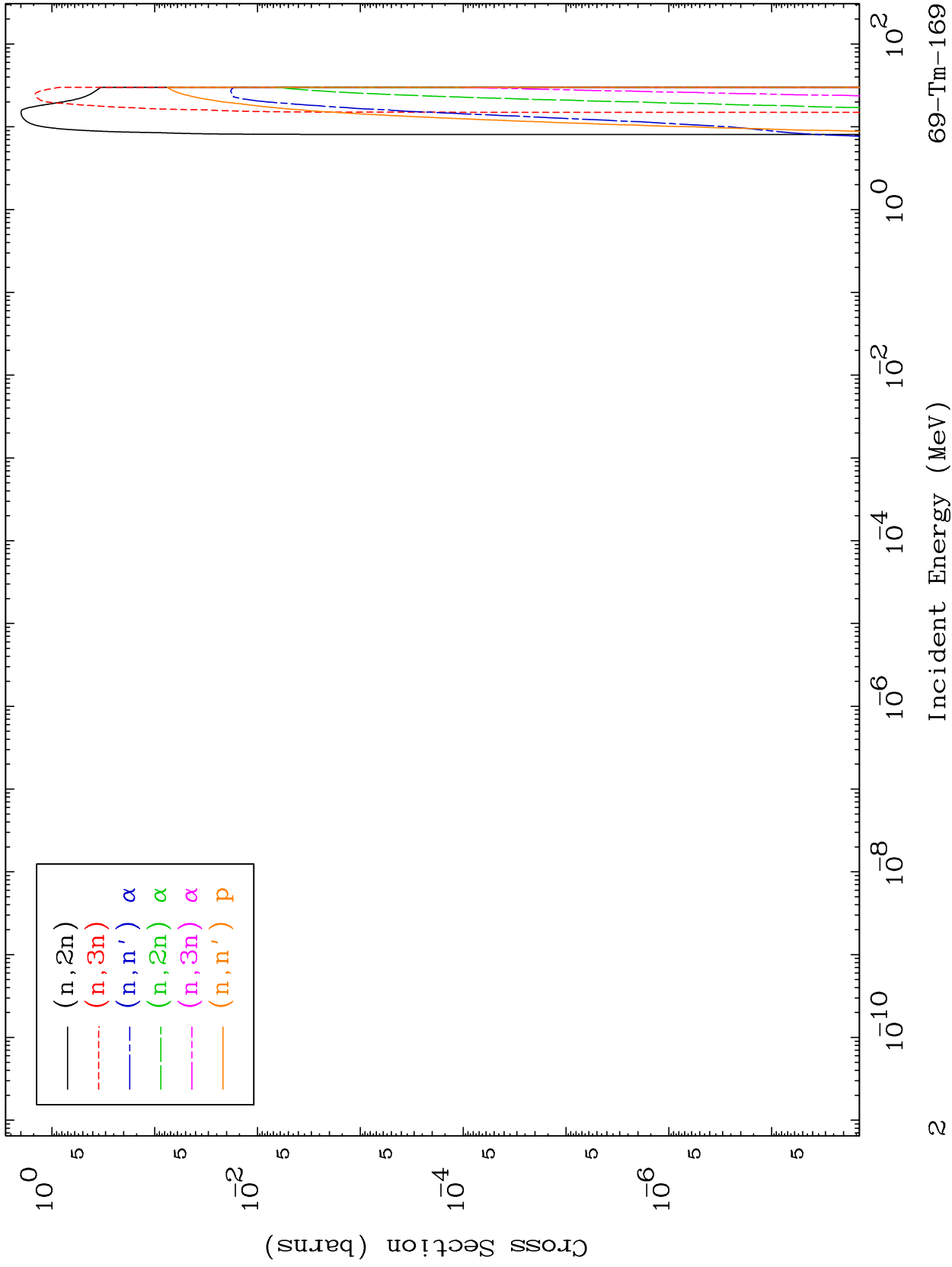
69-Tm-169

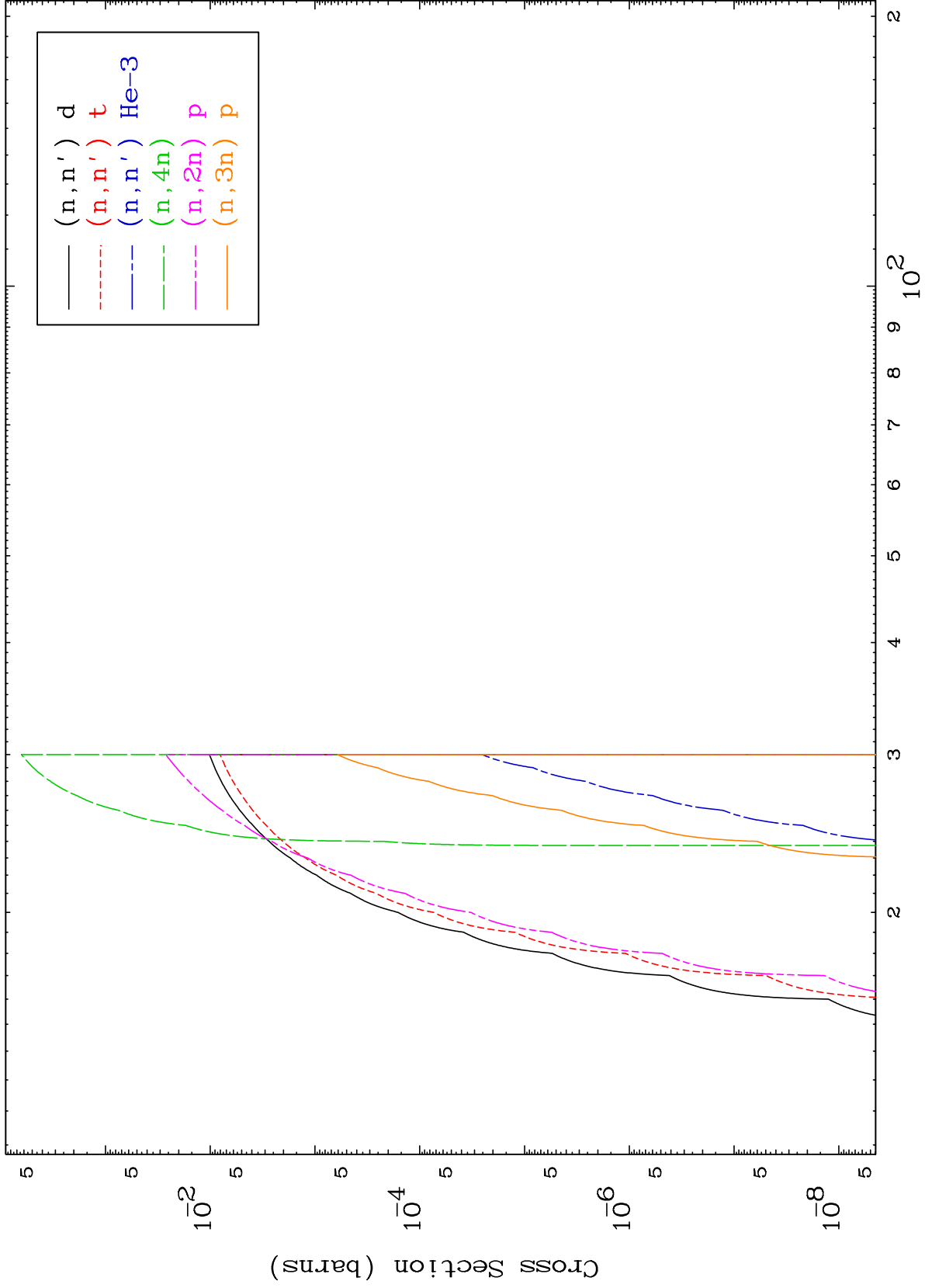


MAT 6925

Neutron Production  
293 Kelvin Cross Sections

69-Tm-169

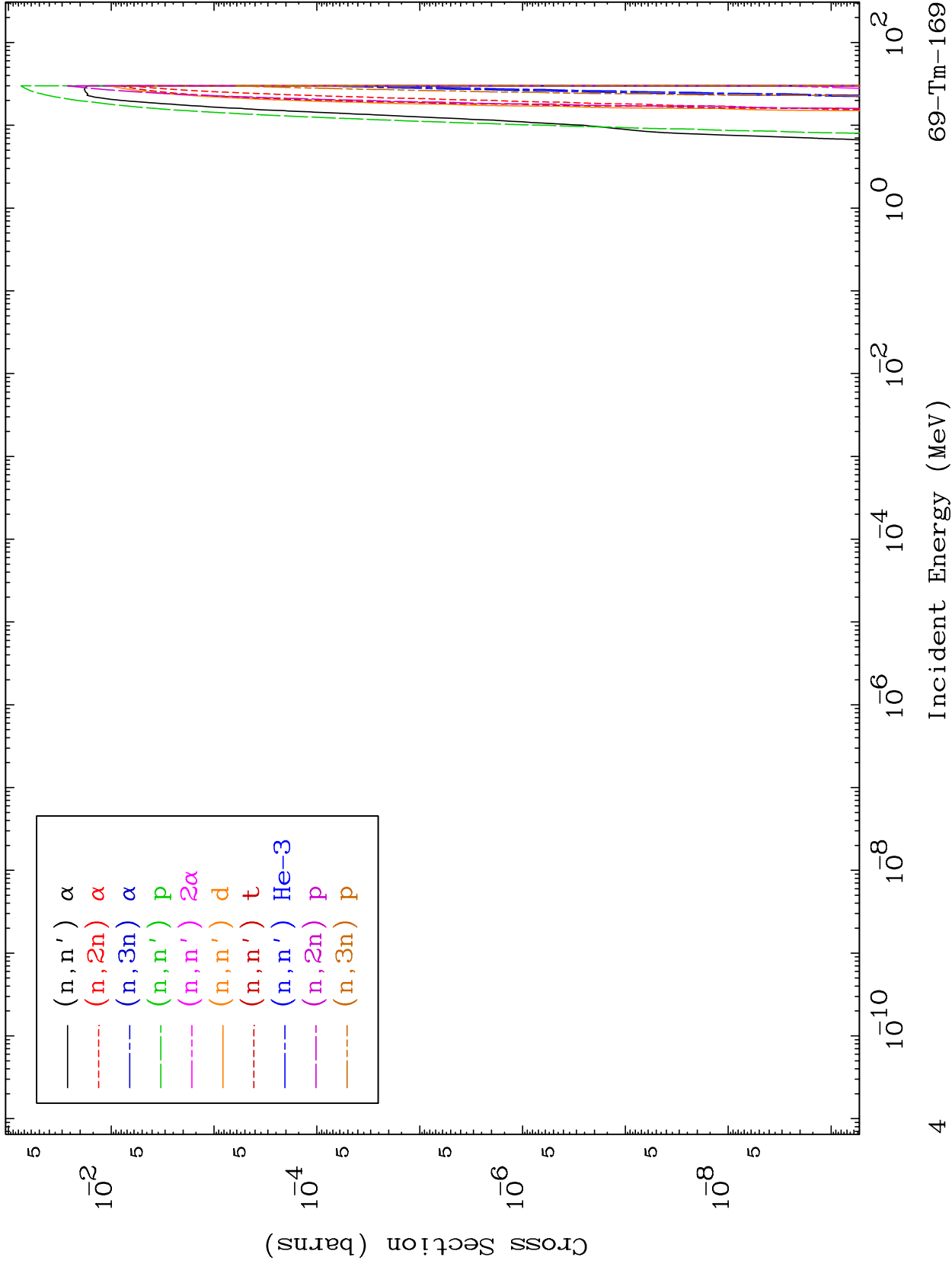




MAT 6925

Charged Particle  
293 Kelvin Cross Sections

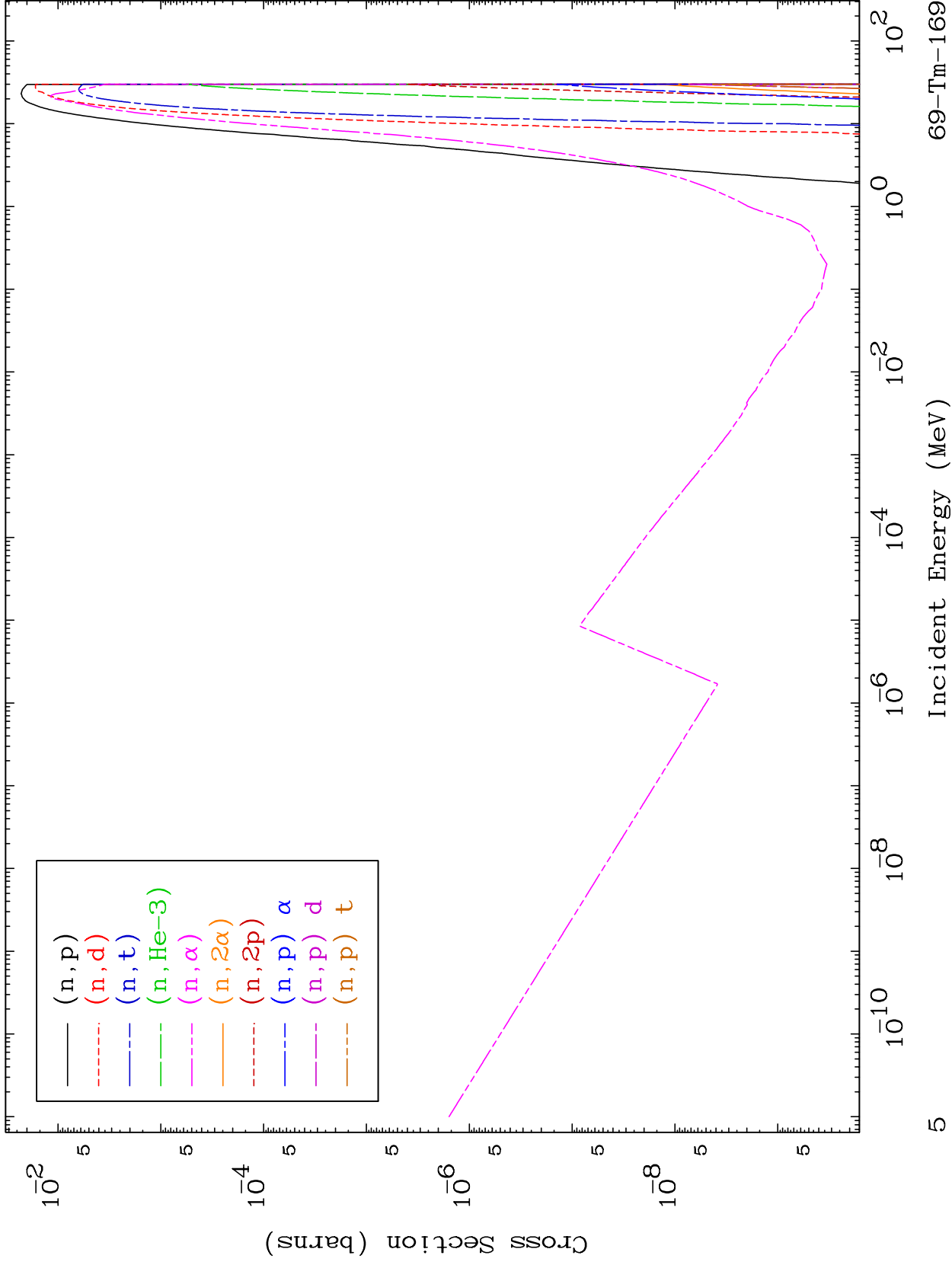
69-Tm-169

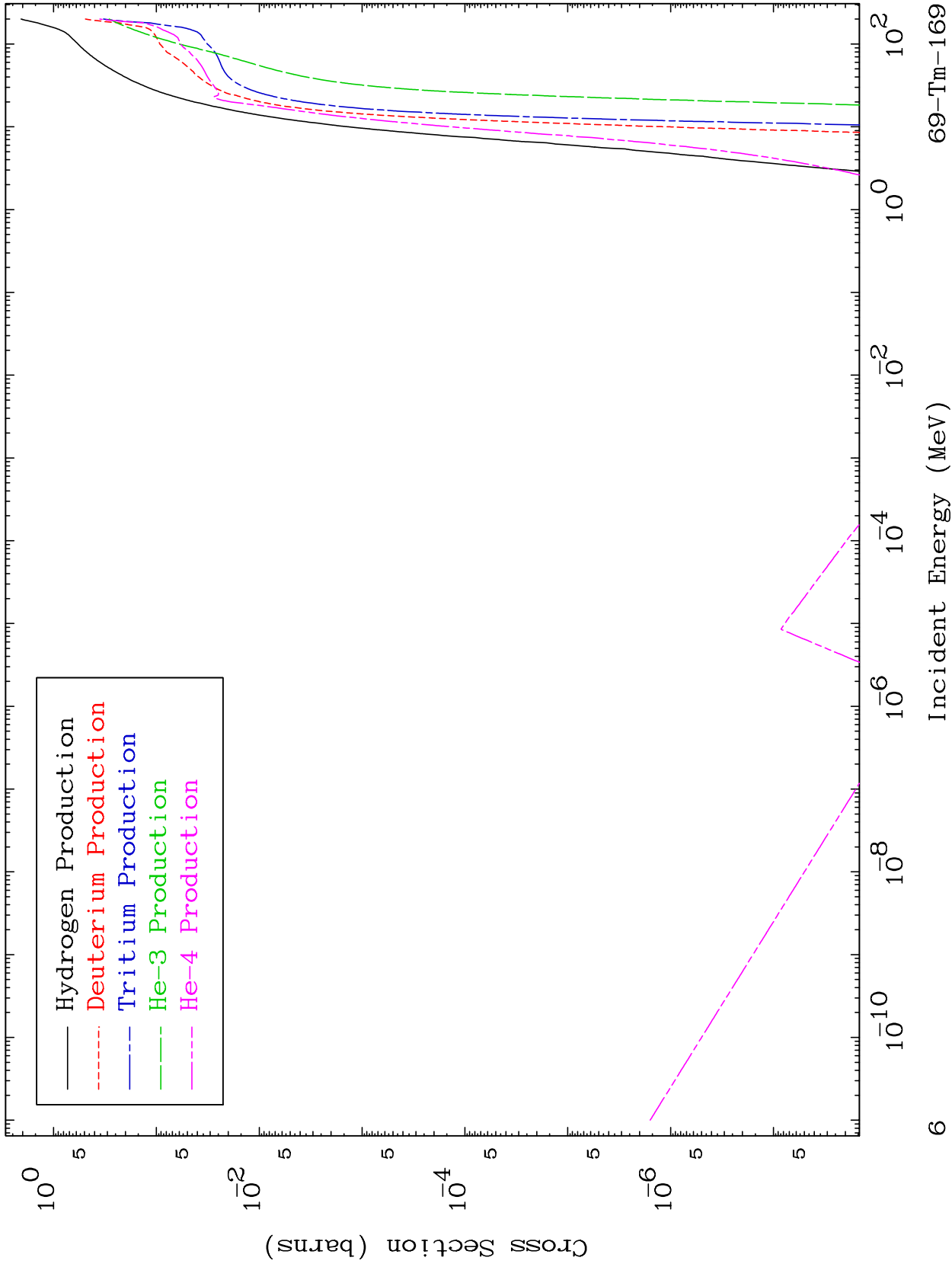


MAT 6925

Charged Particle  
293 Kelvin Cross Sections

69-Tm-169

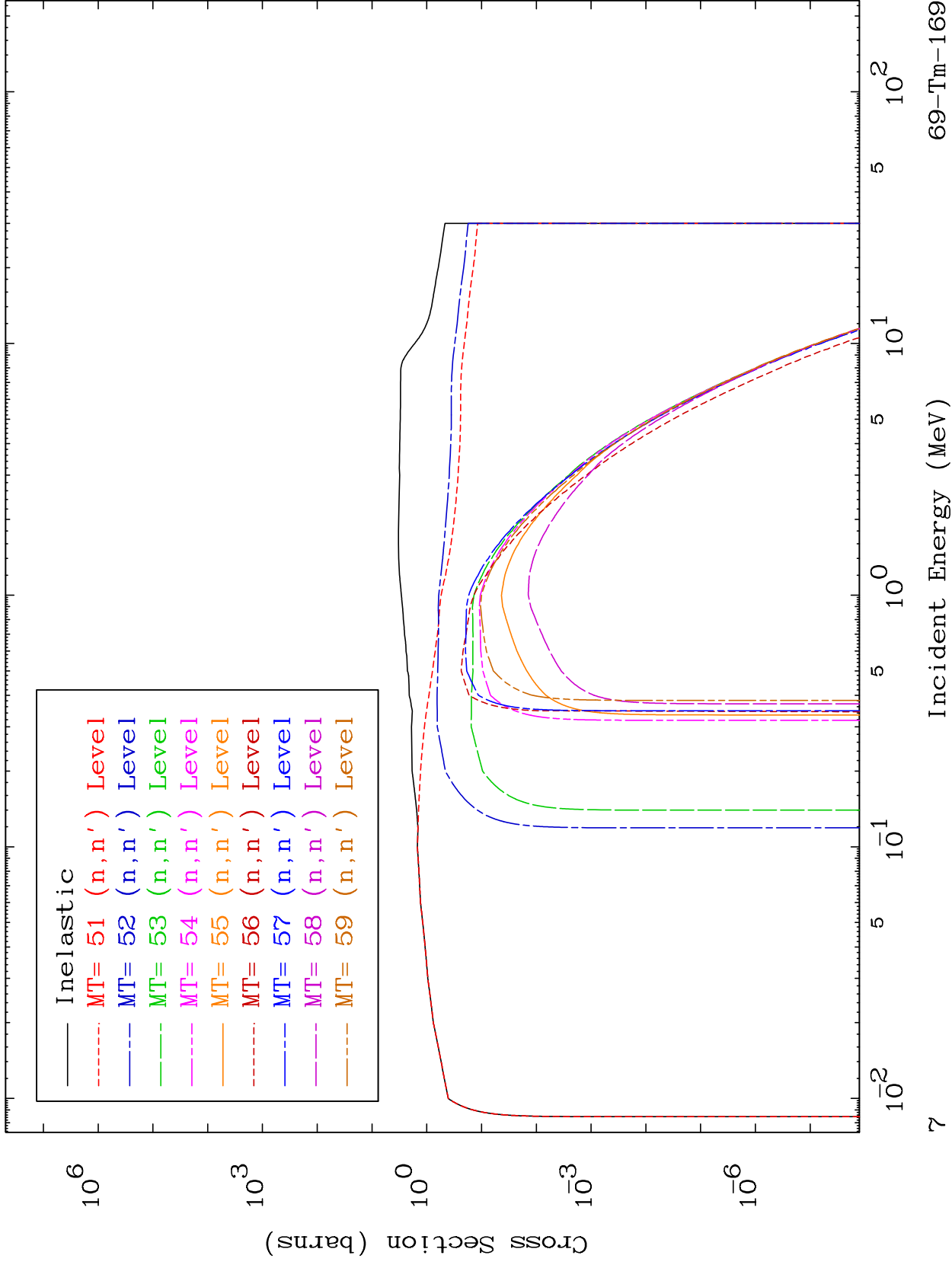




MAT 6925

(n,n') Level  
293 Kelvin Cross Sections

69-Tm-169



69-Tm-169

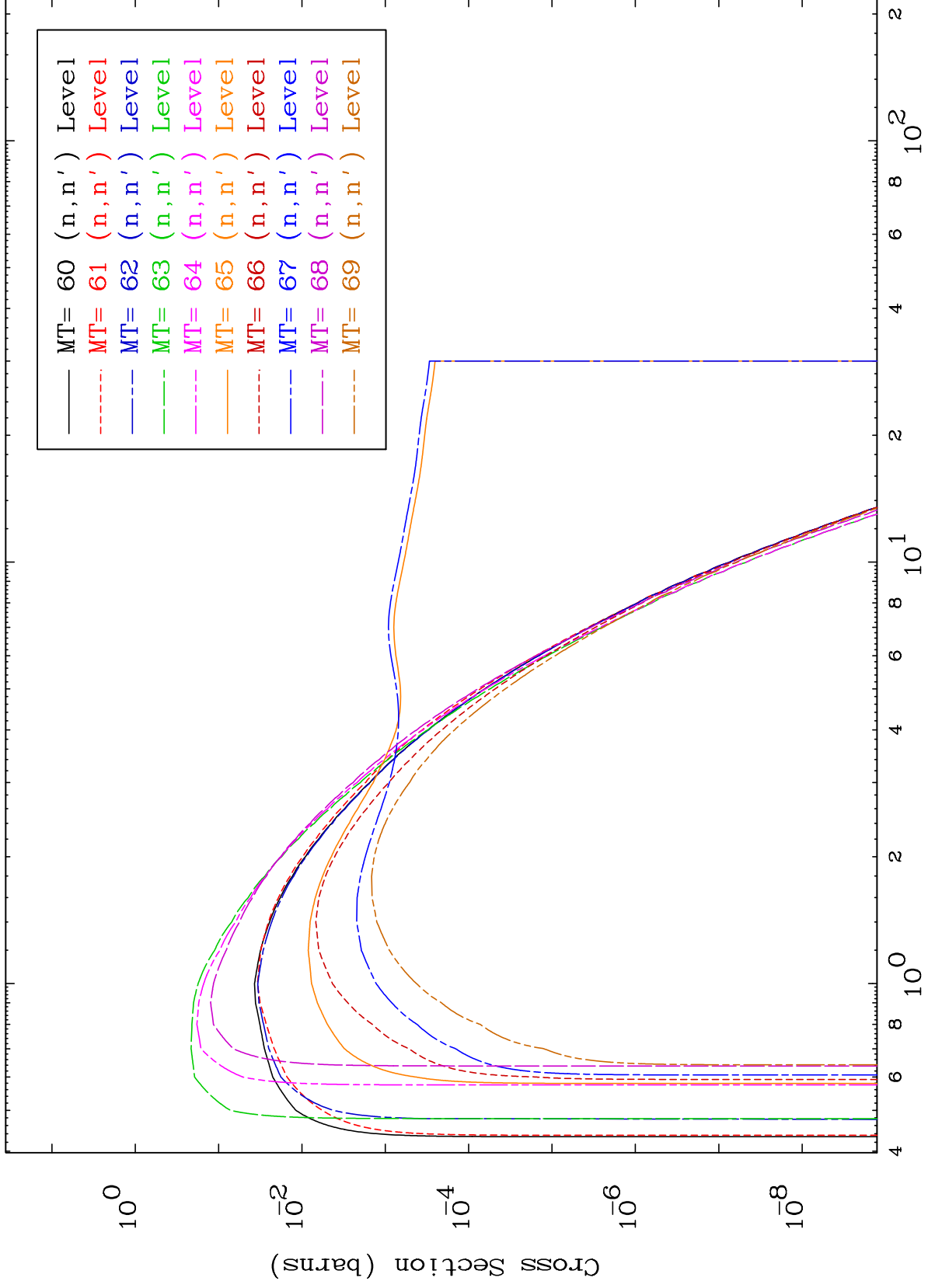
Incident Energy (MeV)

MAT 6925

(n,n') Level

69-Tm-169

293 Kelvin Cross Sections

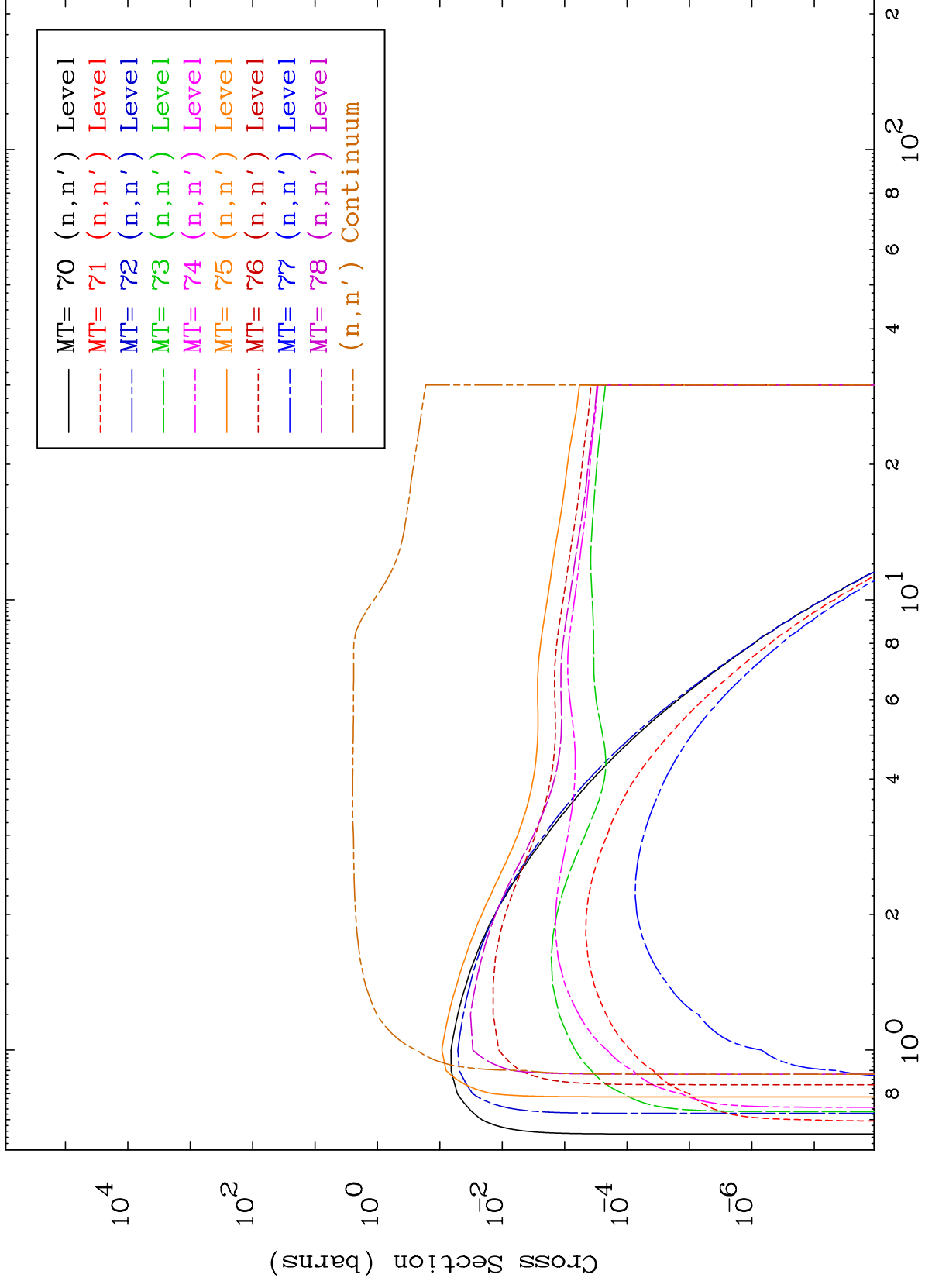


Incident Energy (MeV)

69-Tm-169

8

293 Kelvin Cross Sections

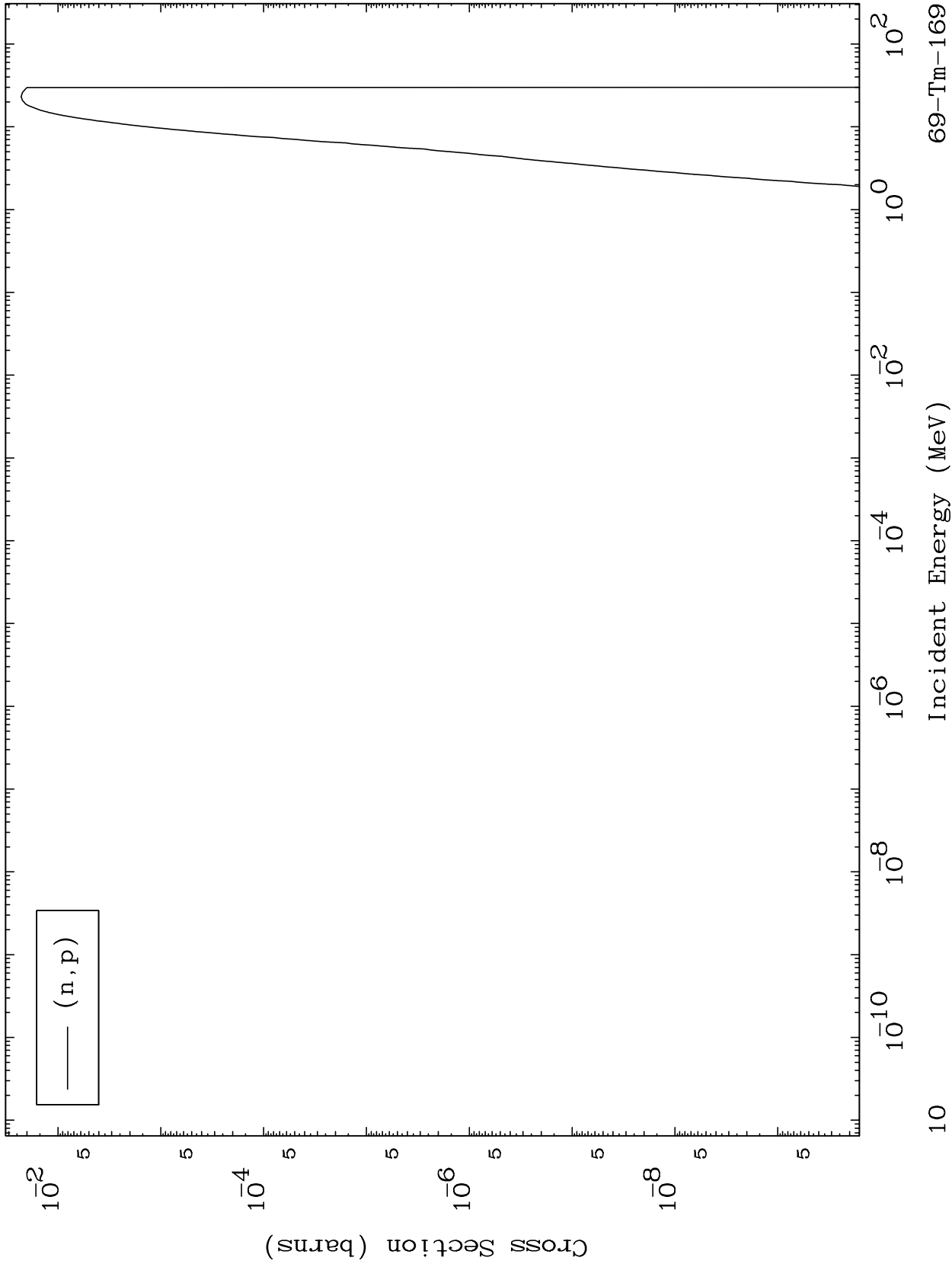


—	MT= 70	(n, n')	Level
- - -	MT= 71	(n, n')	Level
- · - ·	MT= 72	(n, n')	Level
- - -	MT= 73	(n, n')	Level
- · - ·	MT= 74	(n, n')	Level
—	MT= 75	(n, n')	Level
- - -	MT= 76	(n, n')	Level
- · - ·	MT= 77	(n, n')	Level
- - -	MT= 78	(n, n')	Level
- - -	(n, n')	Continuum	

MAT 6925

(n,p) Levels  
293 Kelvin Cross Sections

69-Tm-169



10

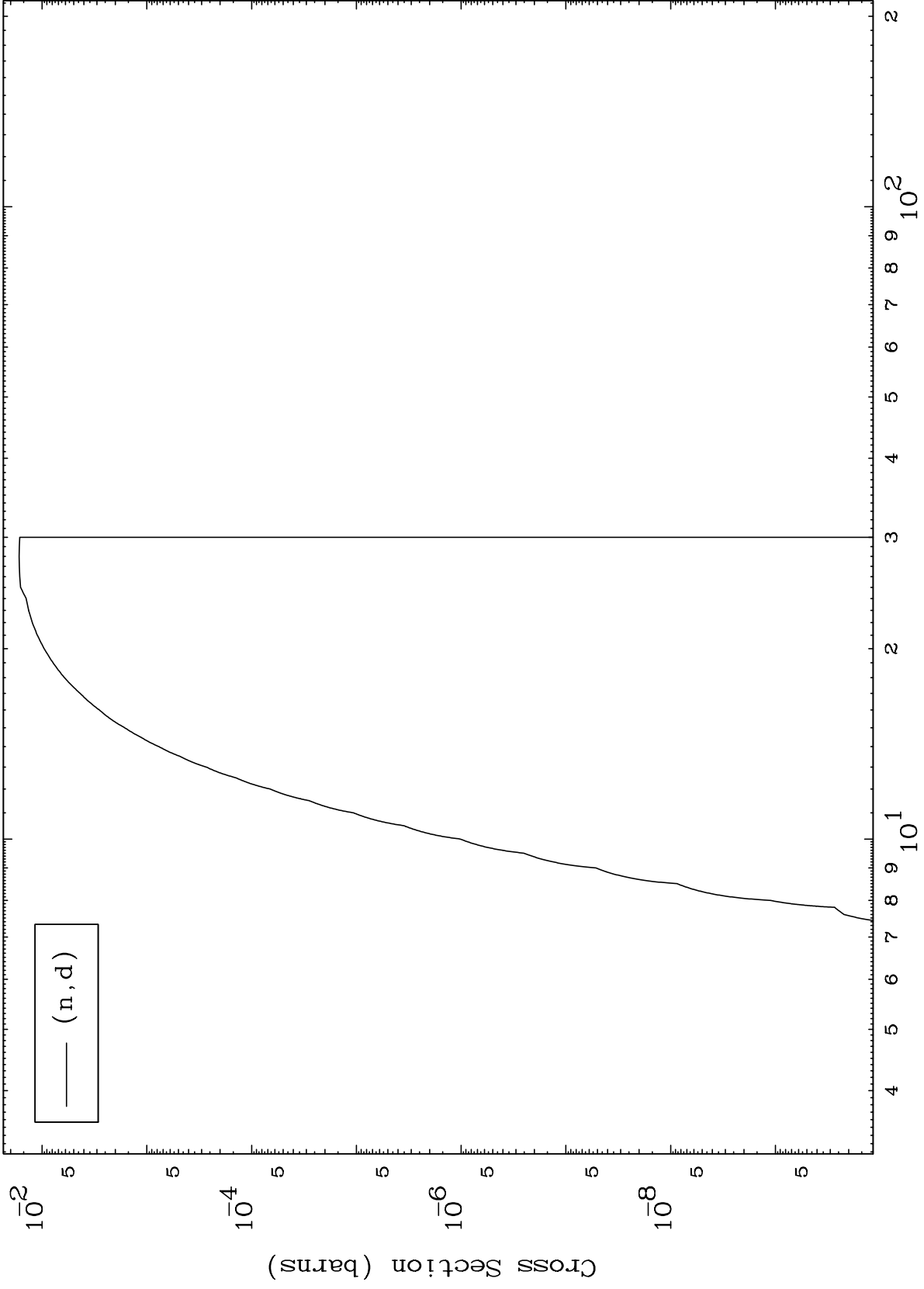
Incident Energy (MeV)

69-Tm-169

MAT 6925

(n,d) Levels  
293 Kelvin Cross Sections

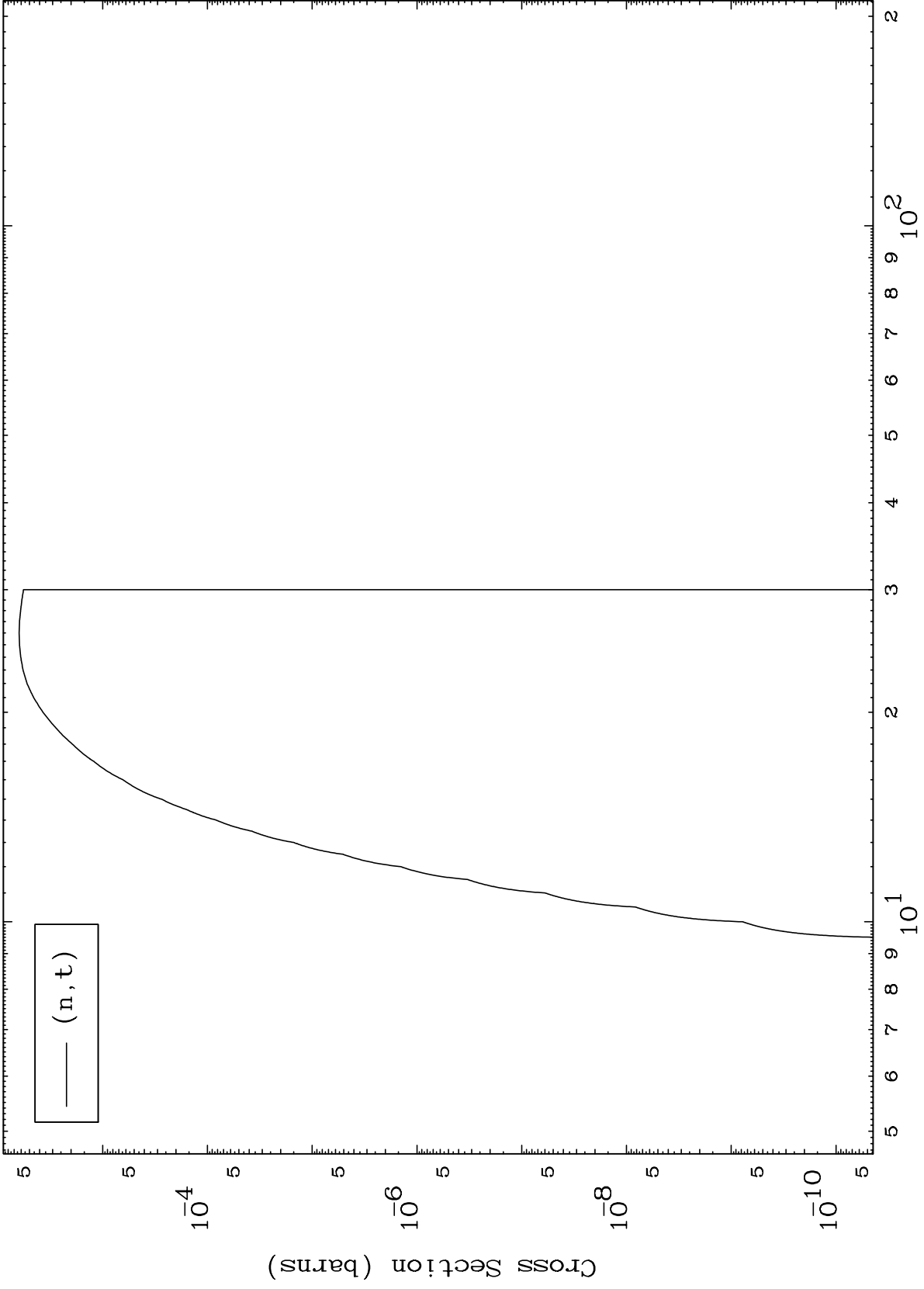
69-Tm-169



MAT 6925

(n,t) Levels  
293 Kelvin Cross Sections

69-Tm-169



(n,t)

12

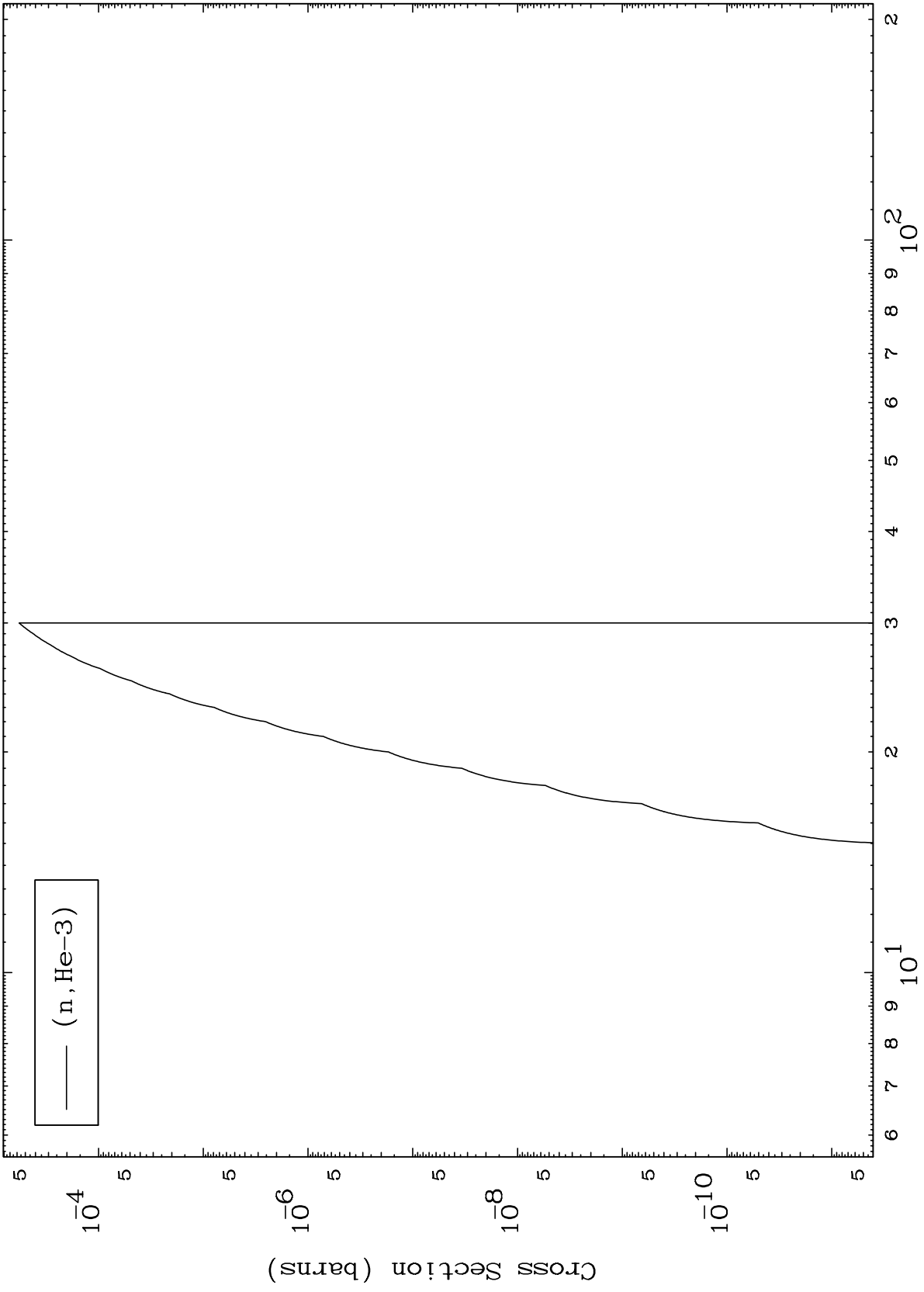
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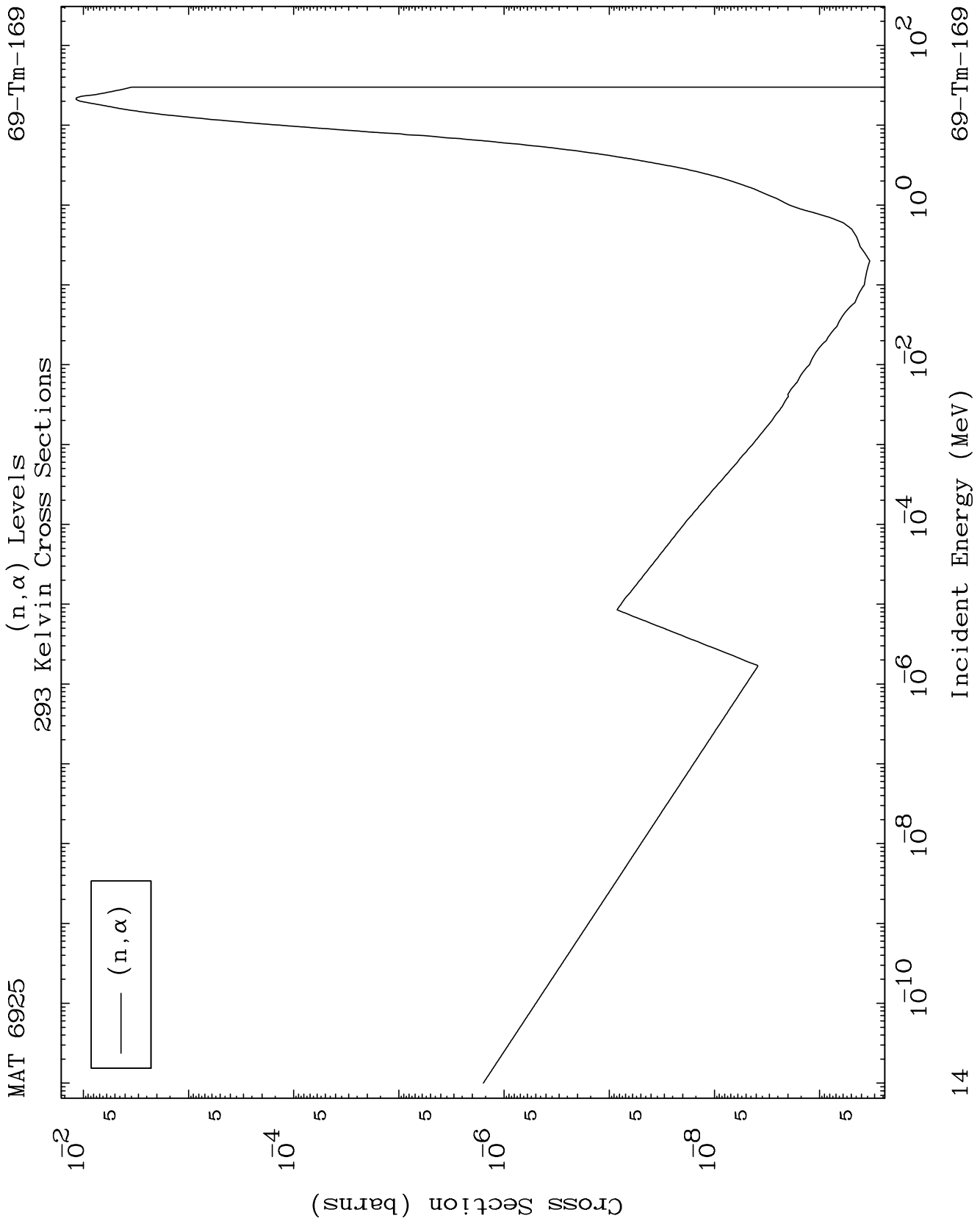
69-Tm-169

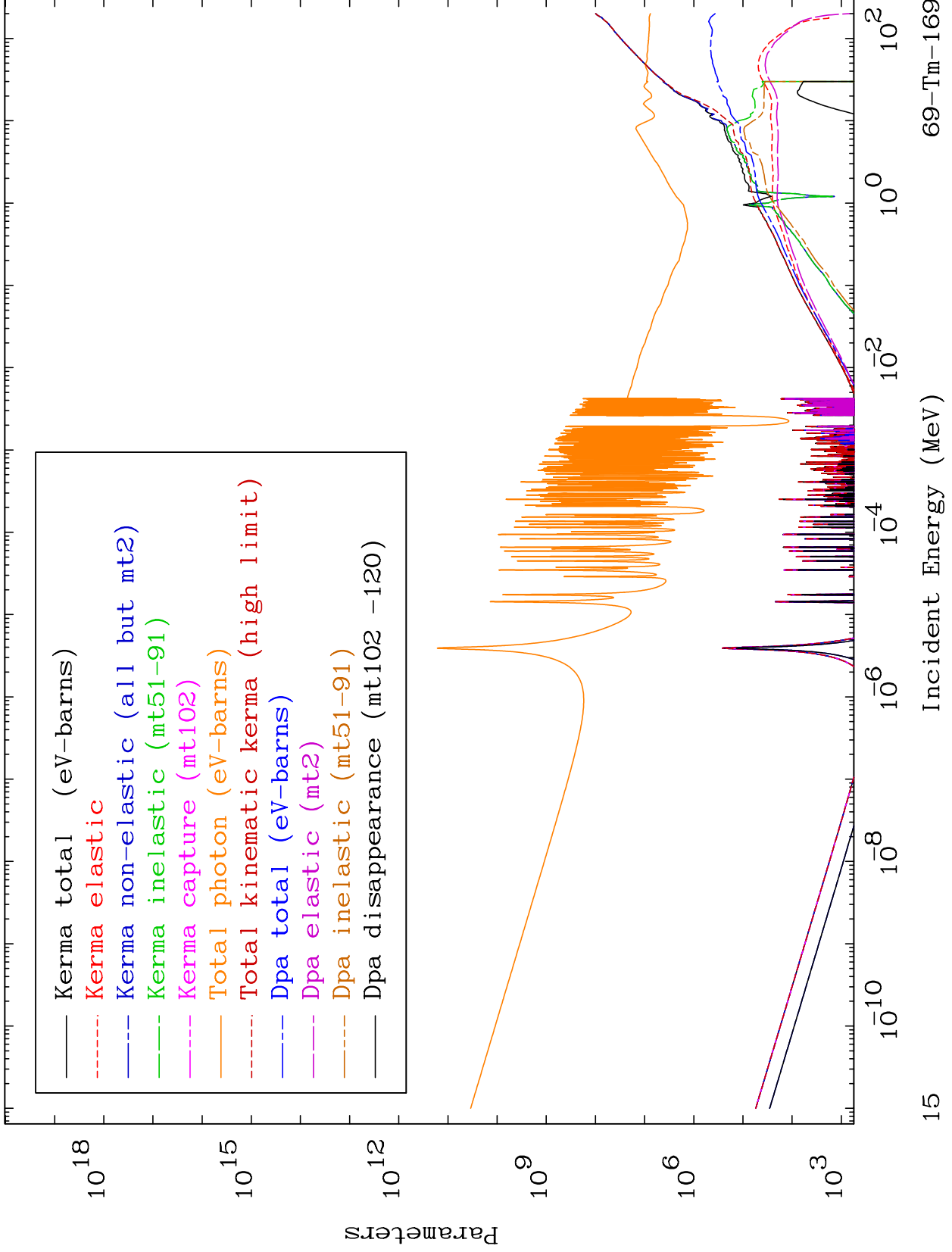
MAT 6925

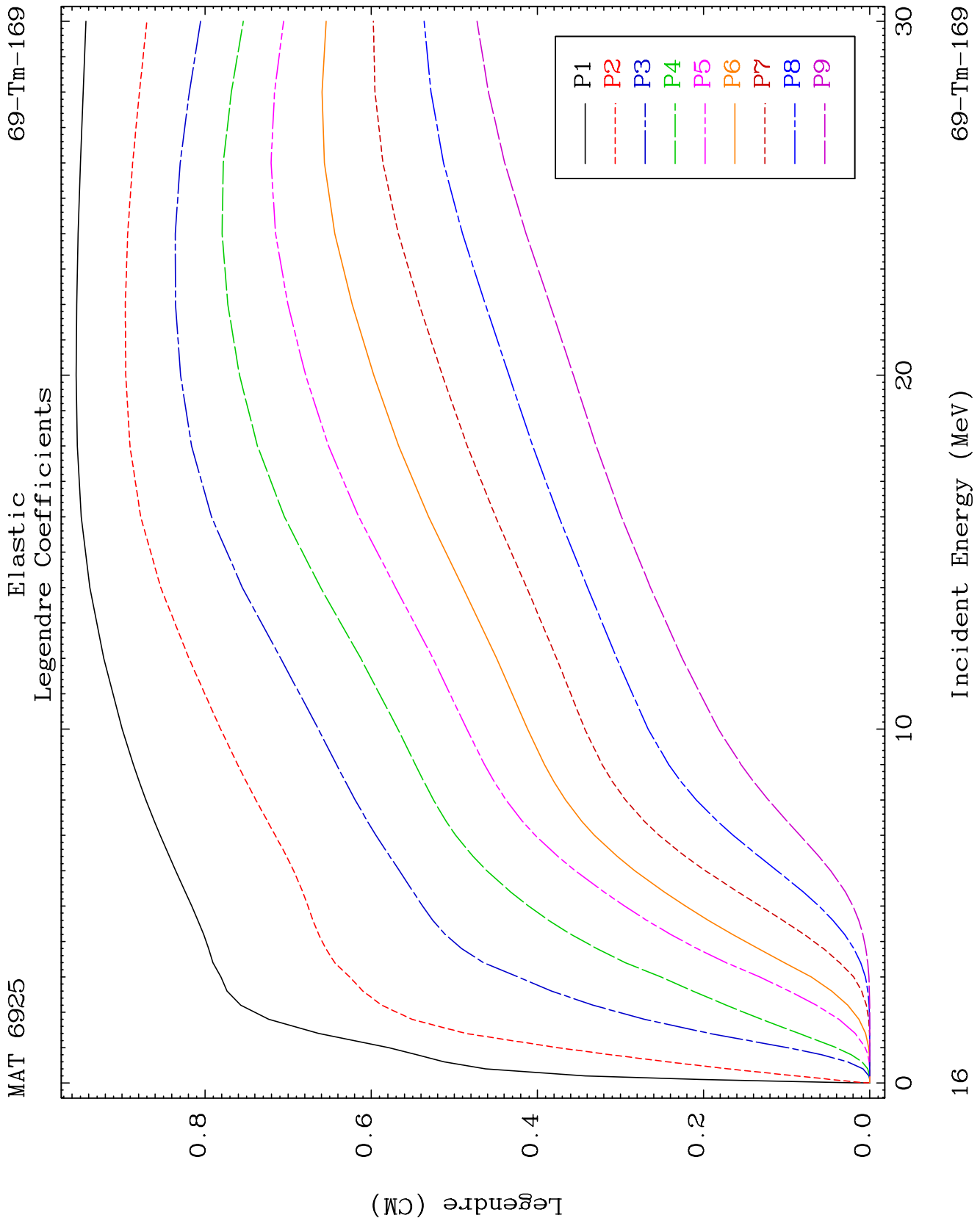
(n,He3) Levels  
293 Kelvin Cross Sections

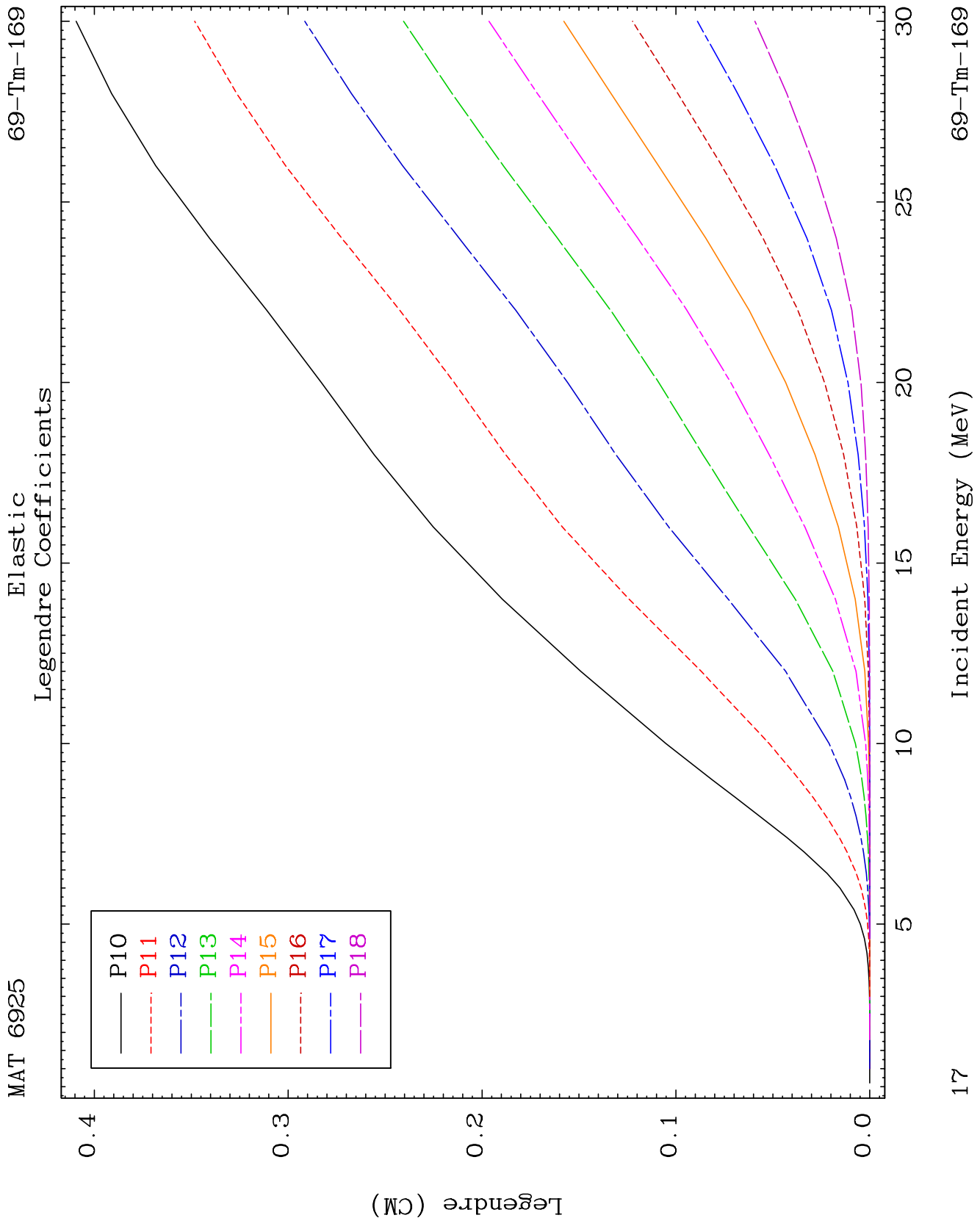
69-Tm-169











MAT 6925

69-Tm-169

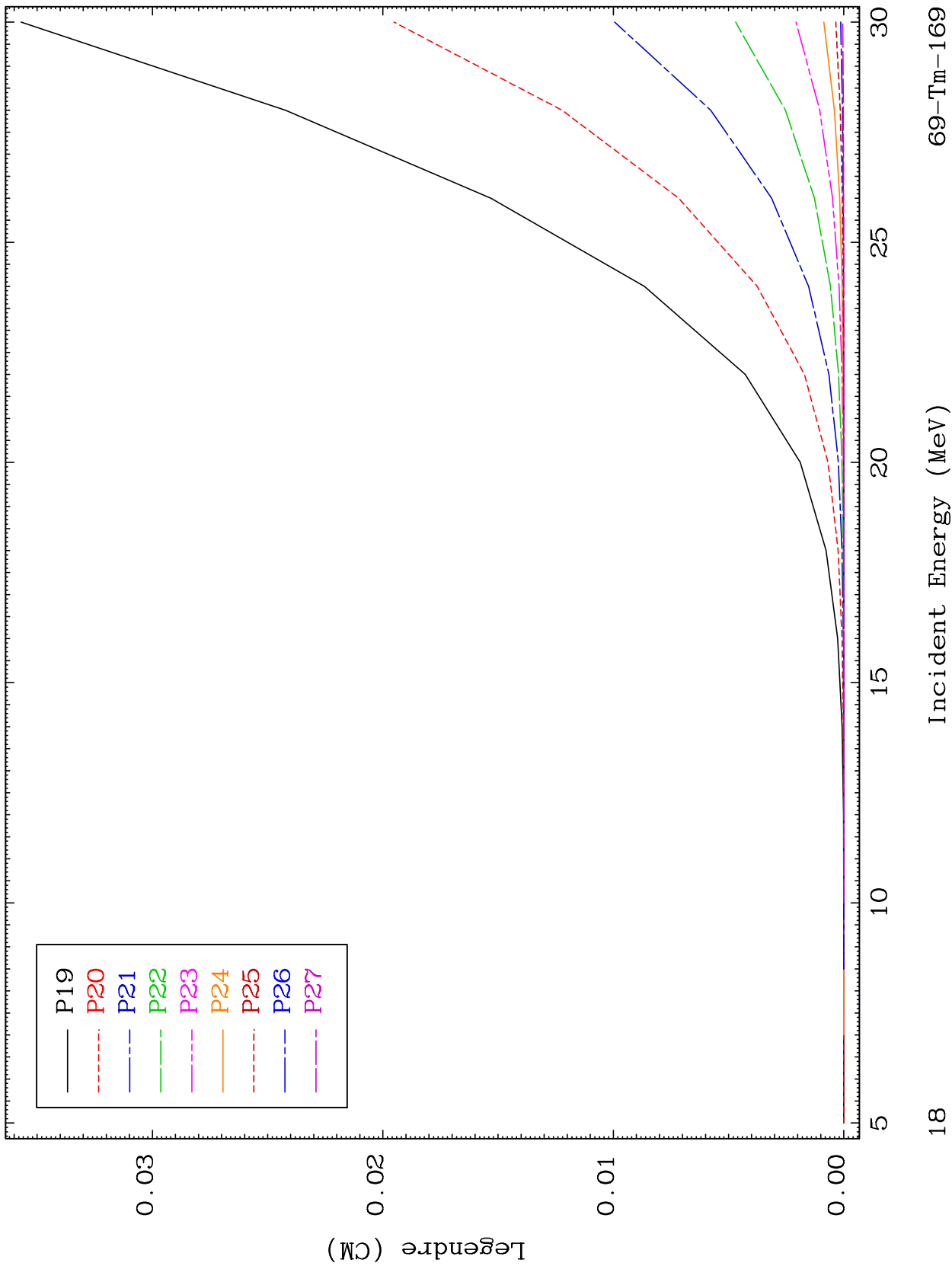
17

69-Tm-169

MAT 6925

### Elastic Legendre Coefficients

69-Tm-169



18

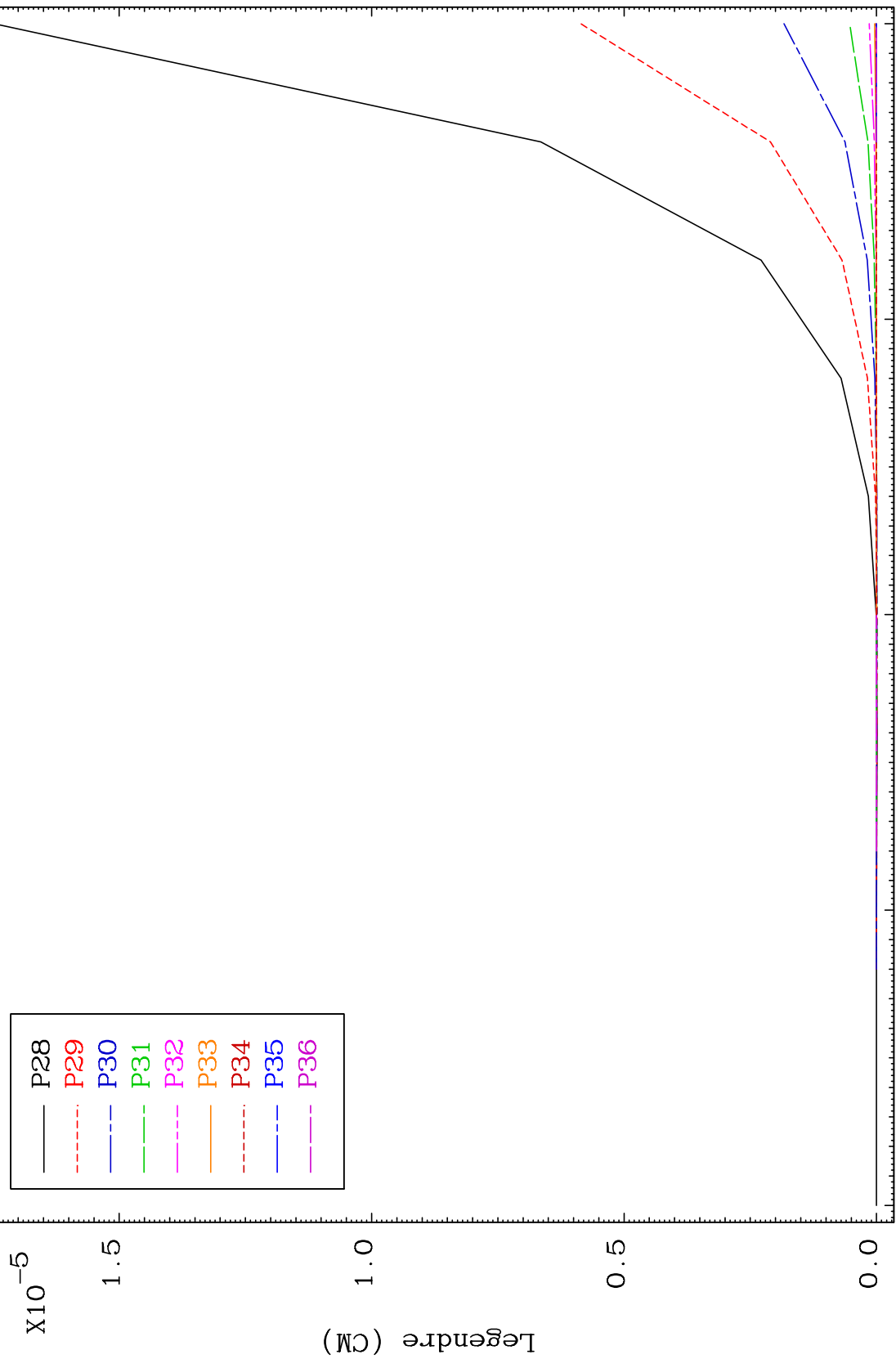
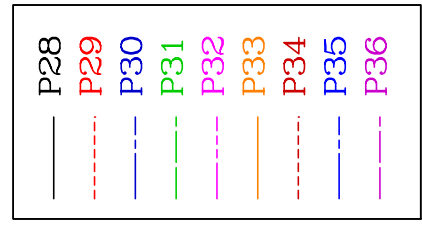
Incident Energy (MeV)

69-Tm-169

MAT 6925

Elastic Legendre Coefficients

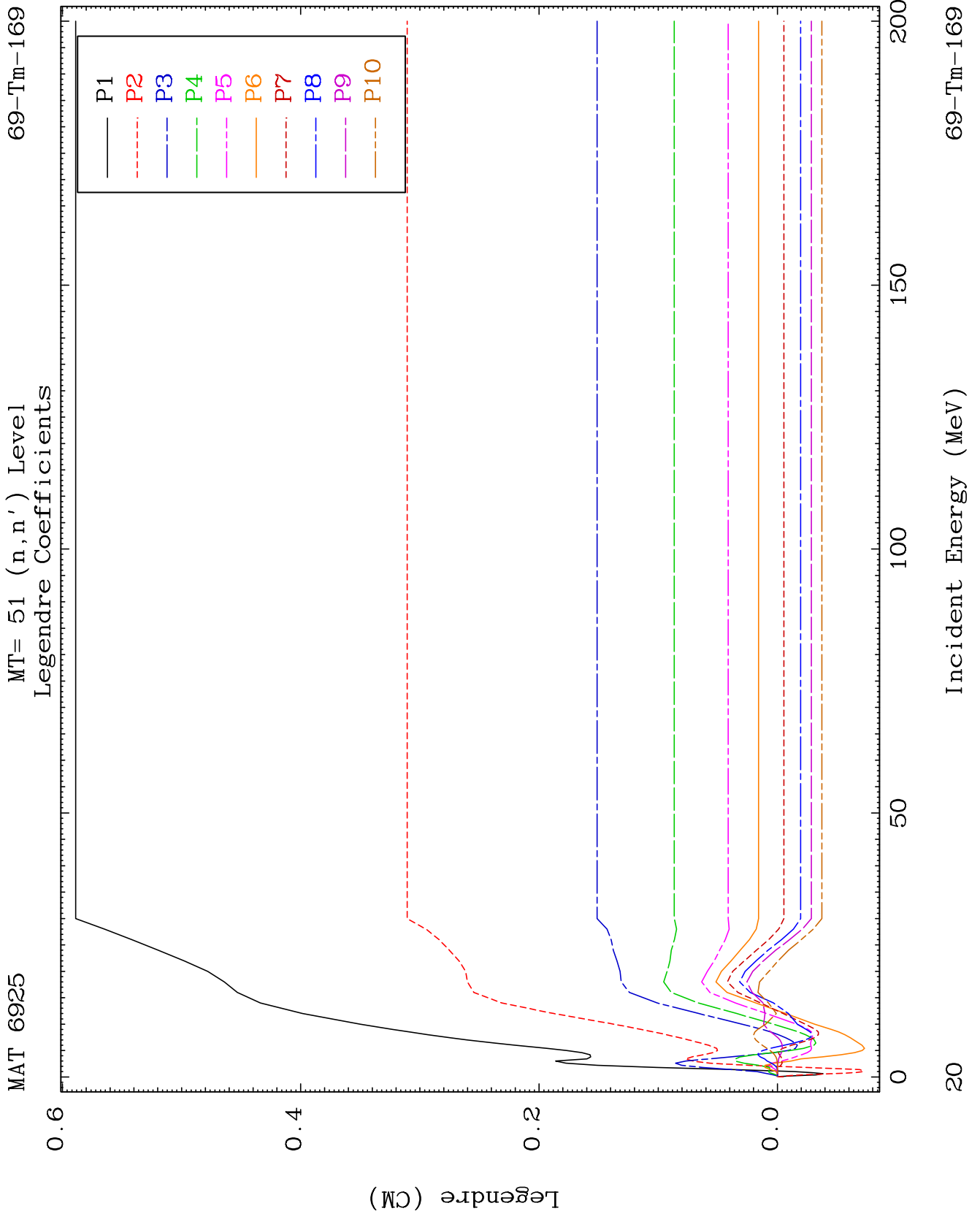
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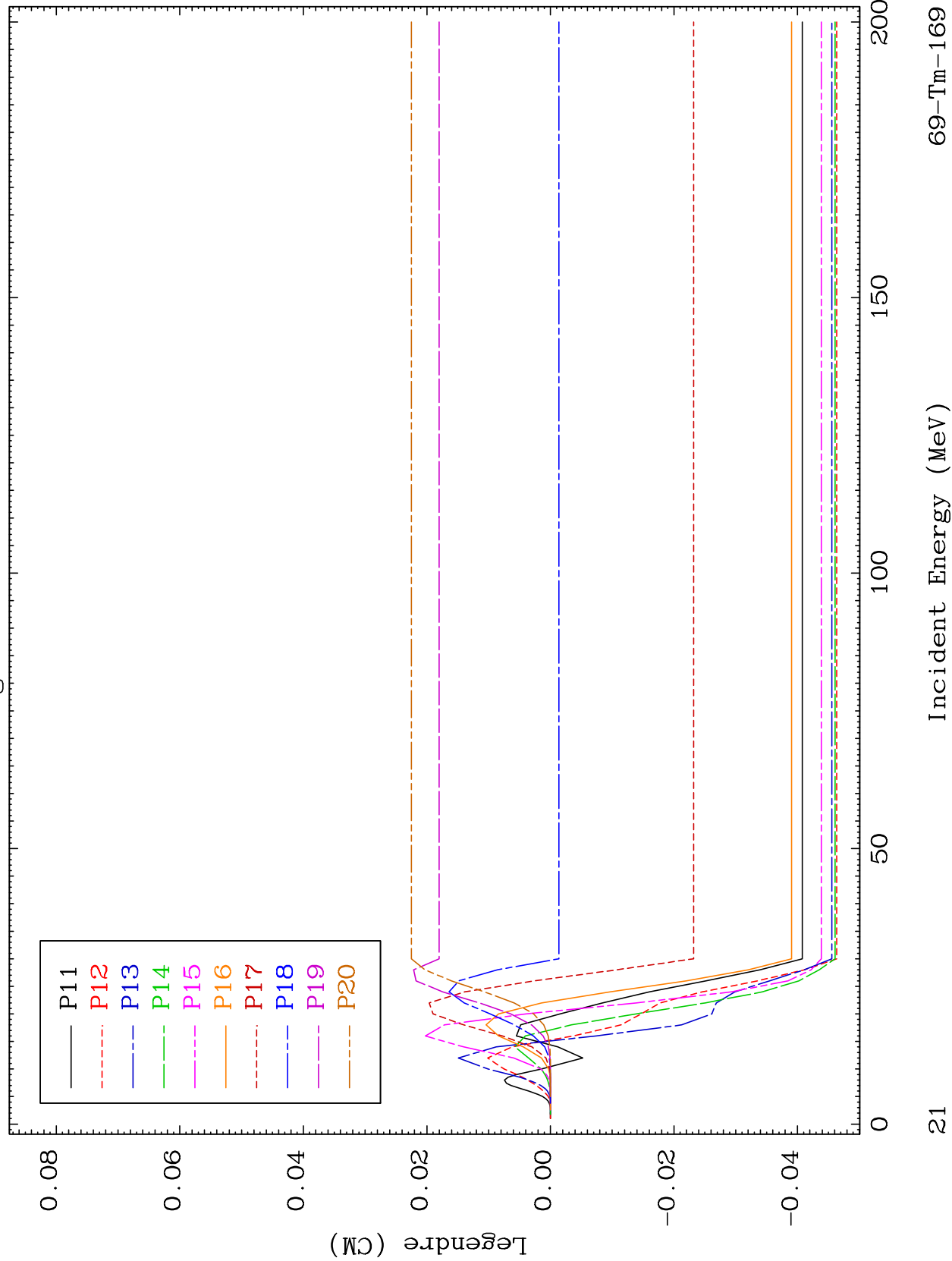


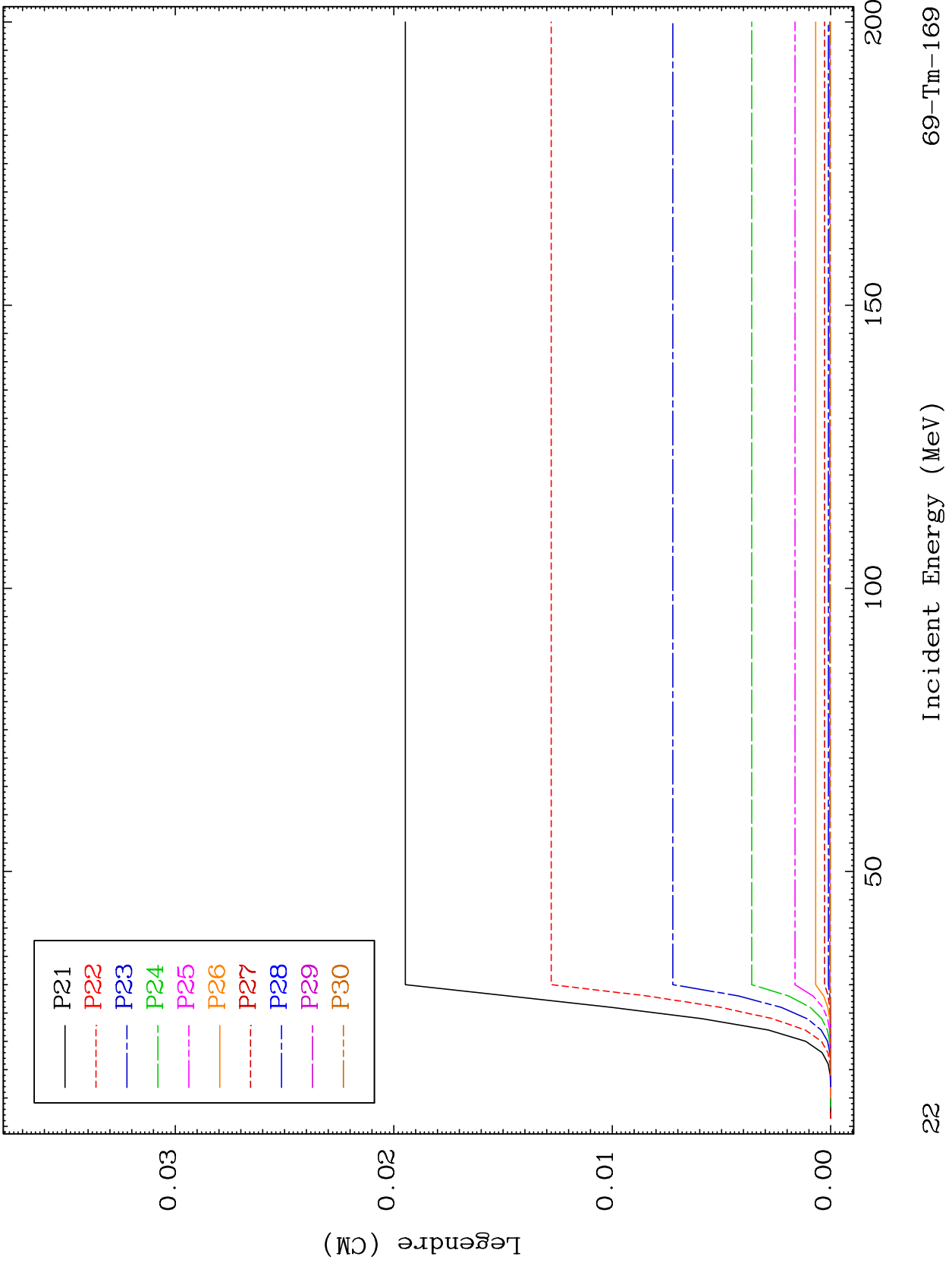
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Incident Energy (MeV)

69-Tm-169



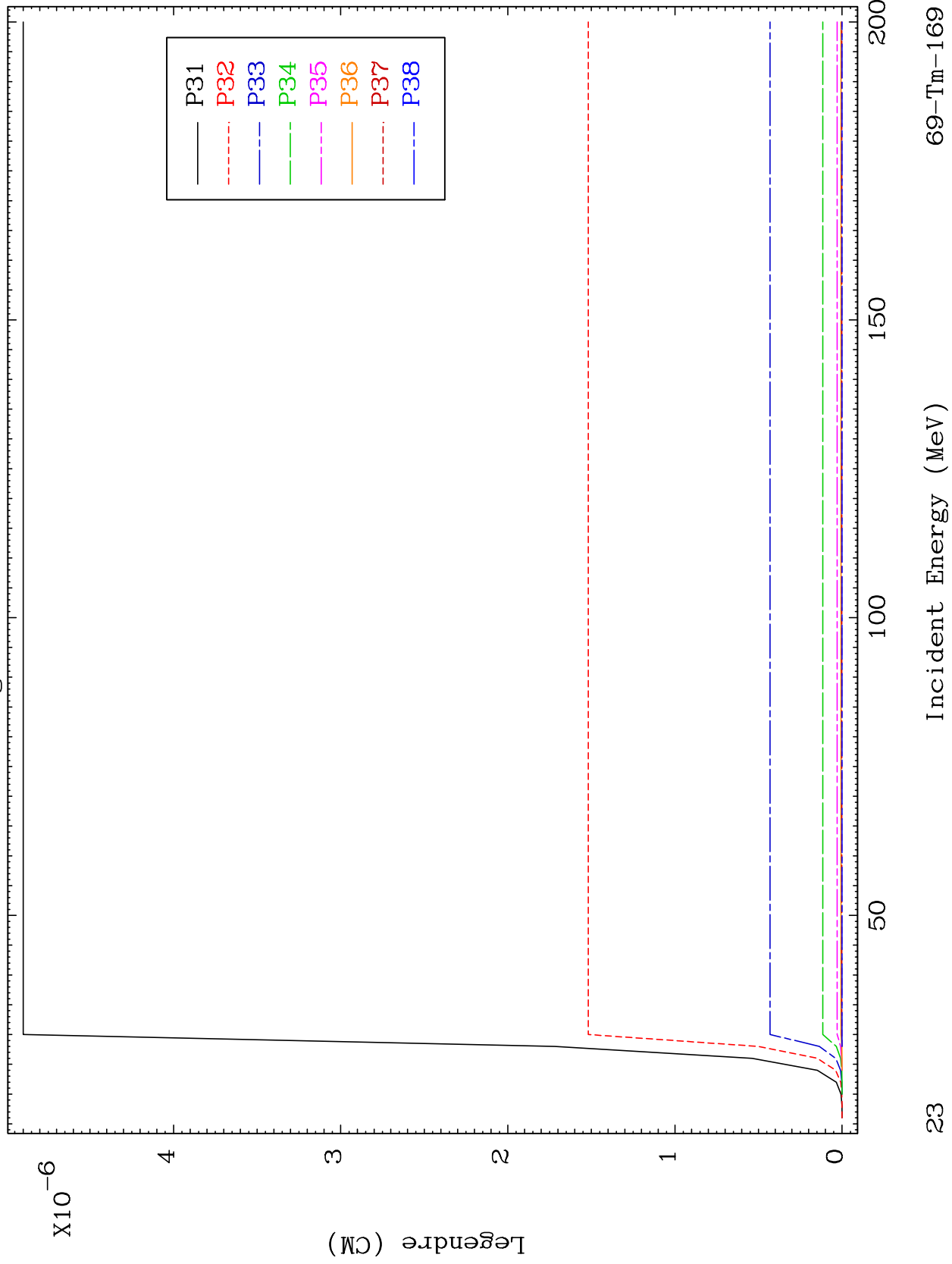




MAT 6925

MT= 51 (n,n') Level  
Legendre Coefficients

69-Tm-169



23

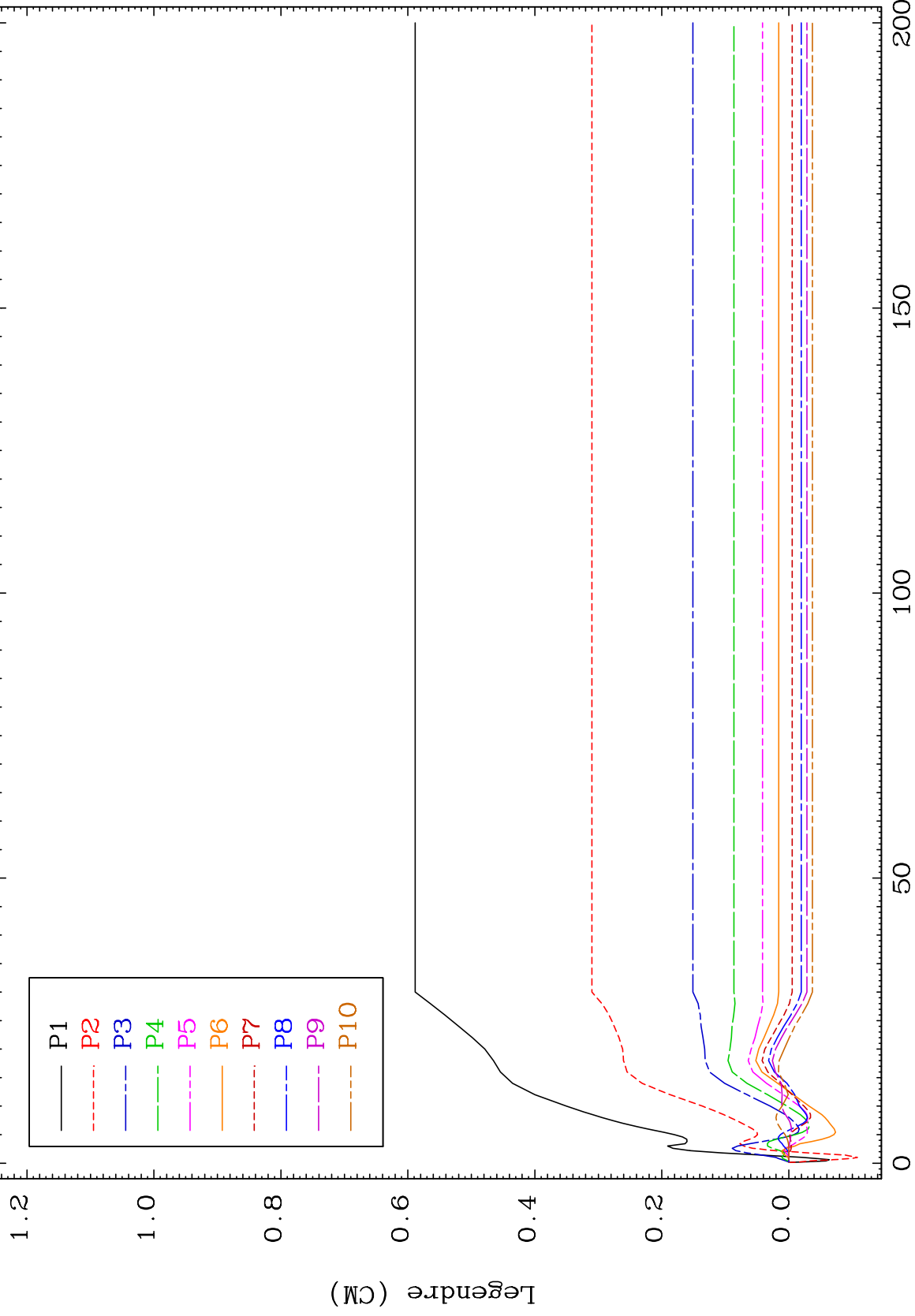
Incident Energy (MeV)

69-Tm-169

MAT 6925

MT= 52 (n,n') Level  
Legendre Coefficients

69-Tm-169



24

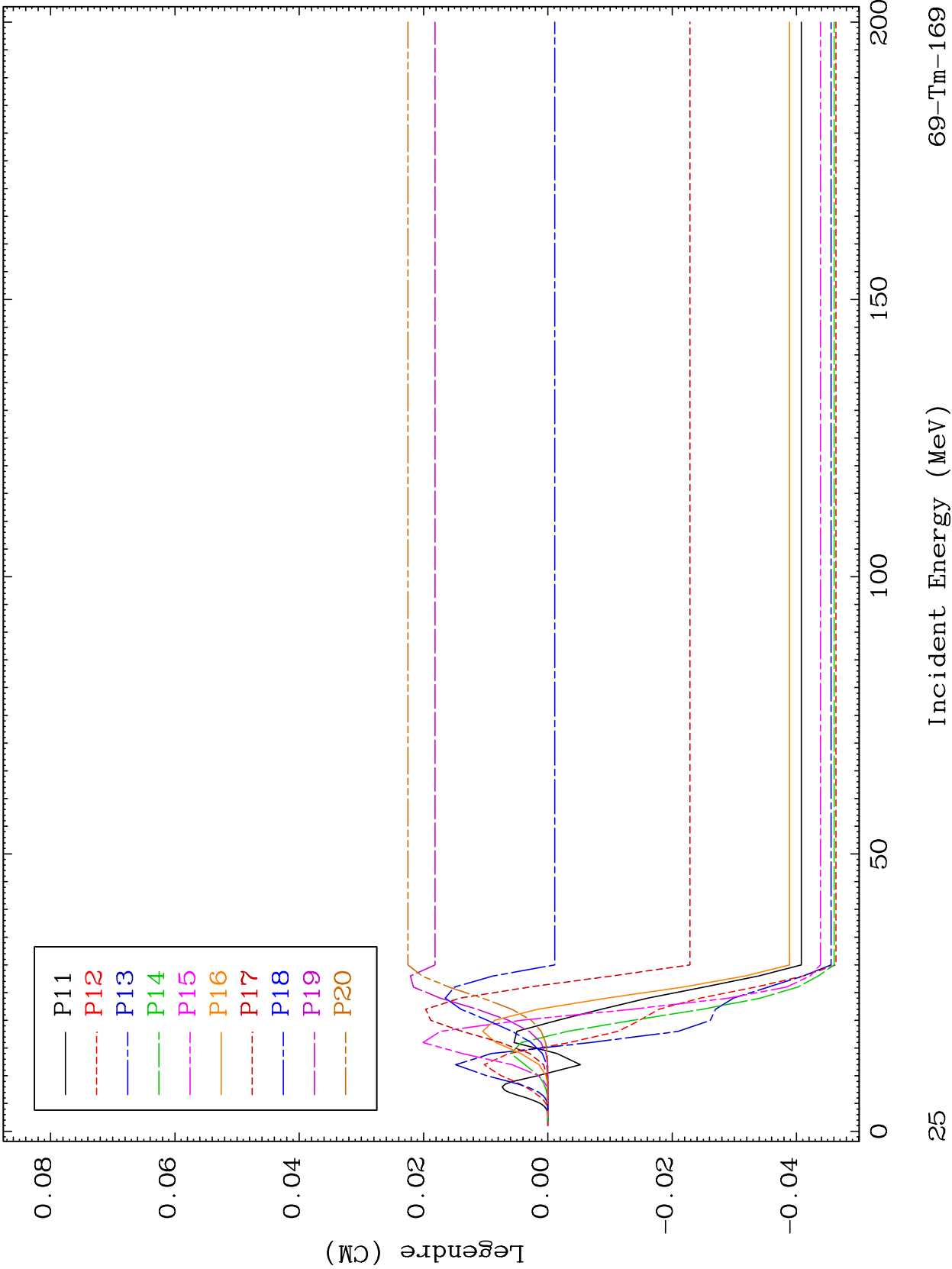
Incident Energy (MeV)

69-Tm-169

MAT 6925

MT= 52 (n,n') Level  
Legendre Coefficients

69-Tm-169



25

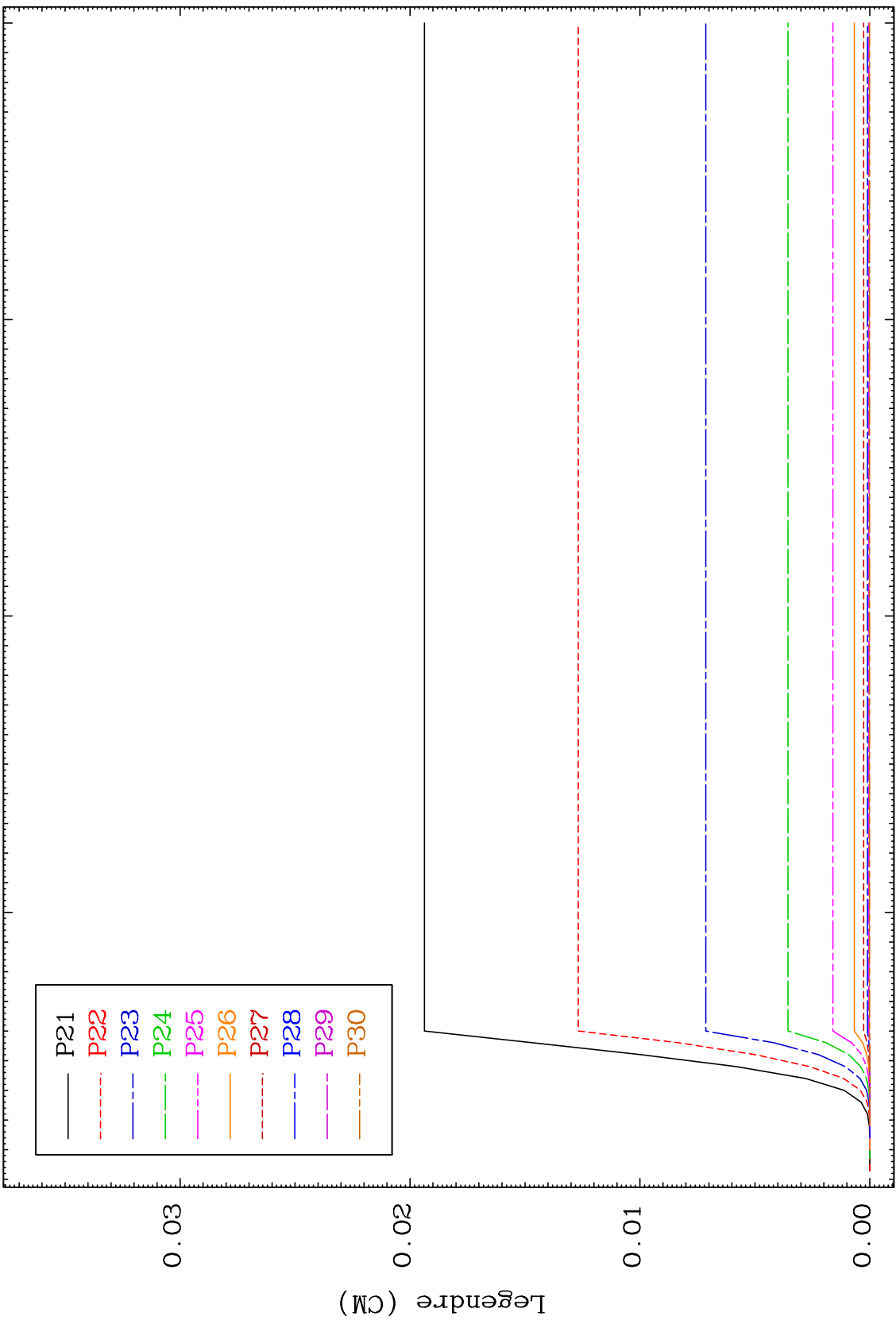
Incident Energy (MeV)

69-Tm-169

MAT 6925

MT= 52 (n,n') Level  
Legendre Coefficients

69-Tm-169



26

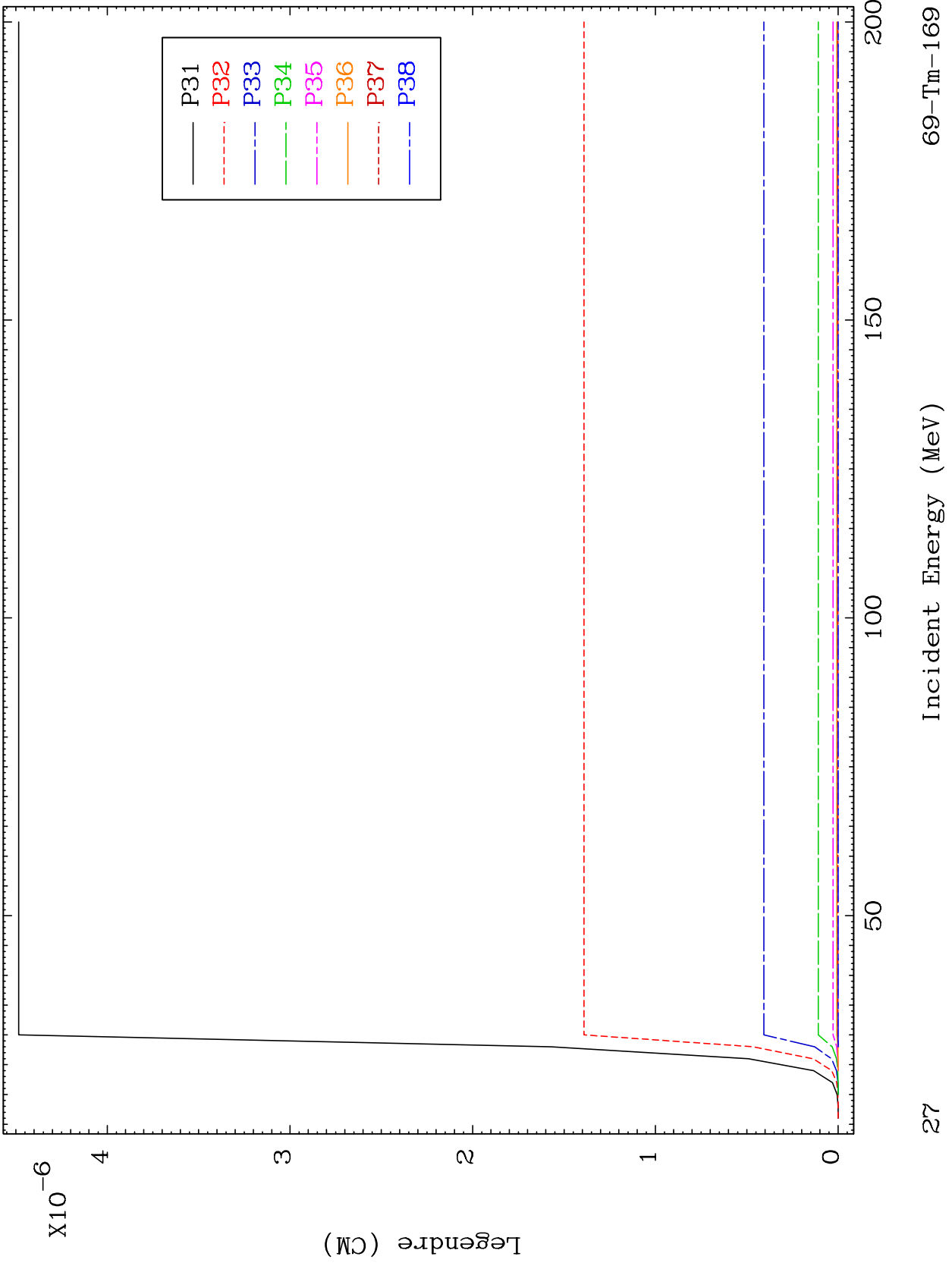
Incident Energy (MeV)

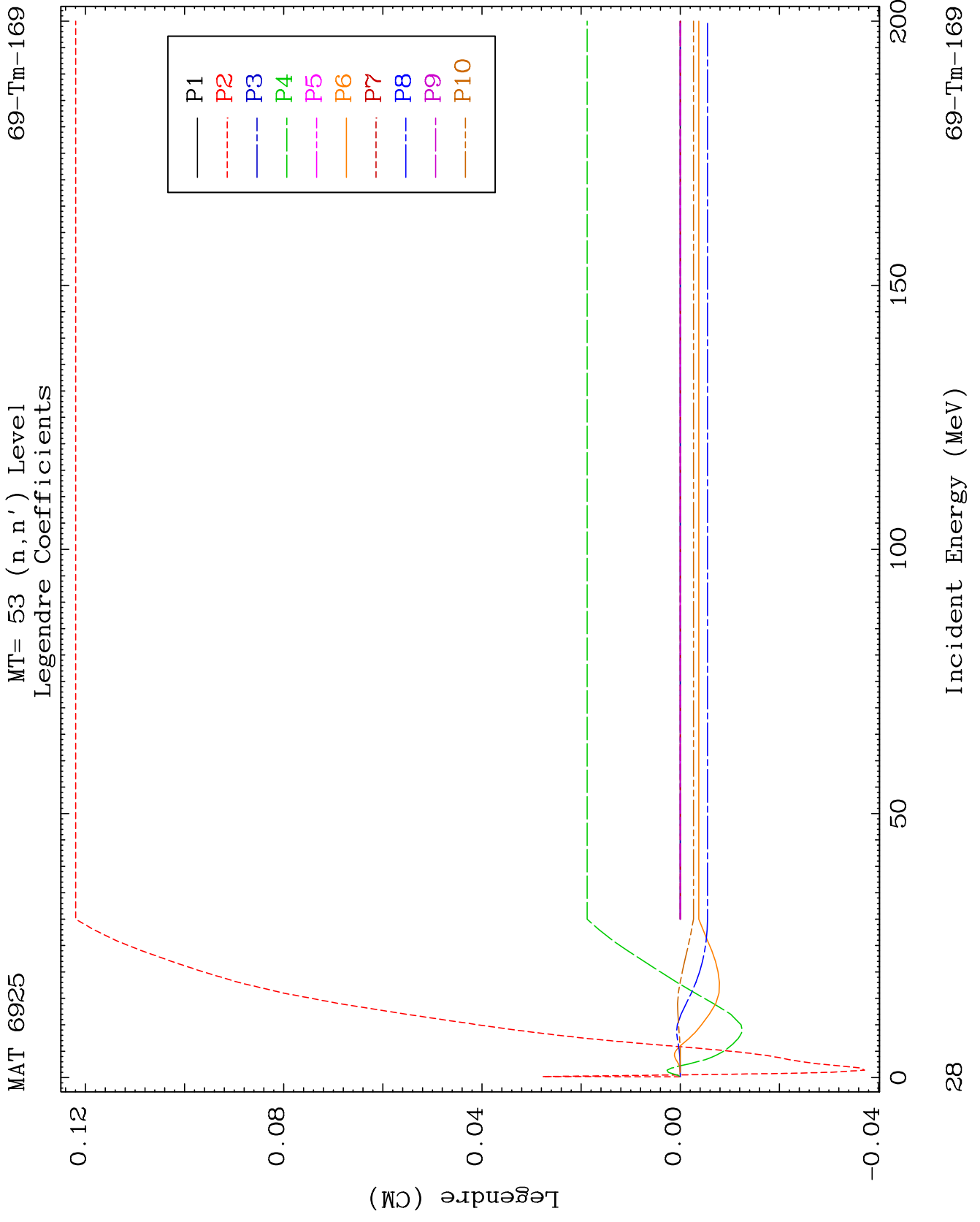
69-Tm-169

MAT 6925

MT= 52 (n,n') Level  
Legendre Coefficients

69-Tm-169

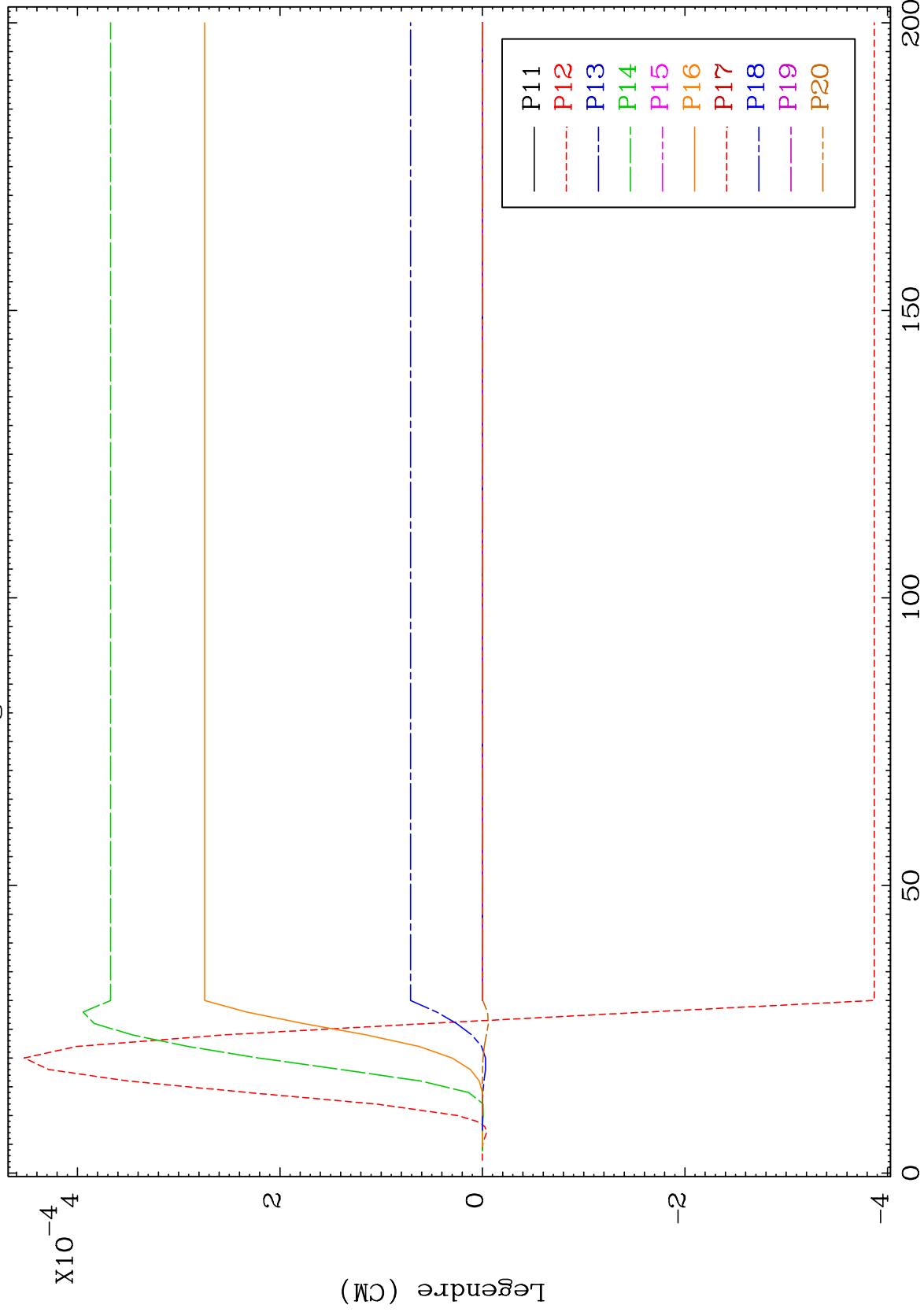




MAT 6925

MT= 53 (n,n') Level  
Legendre Coefficients

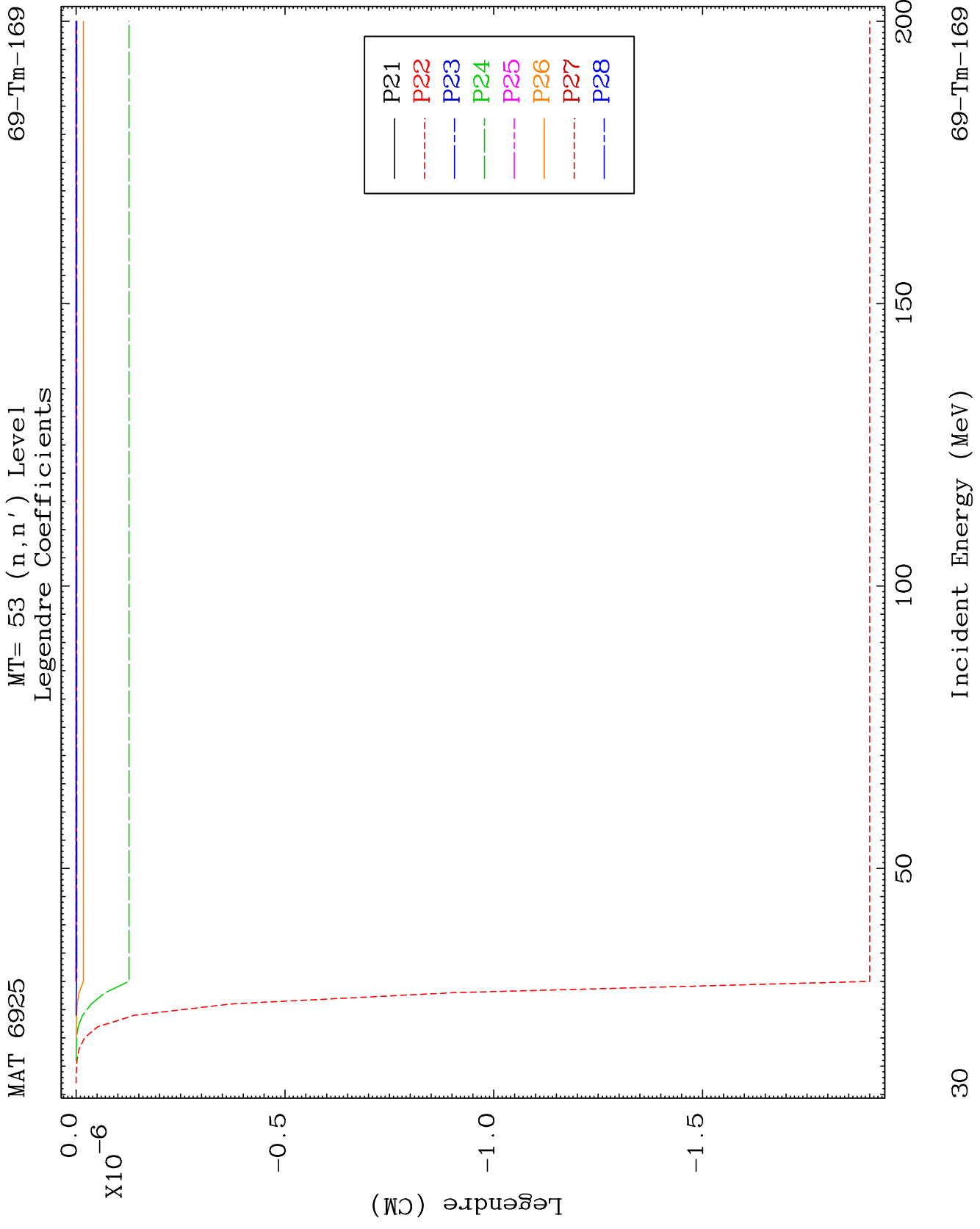
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29

Incident Energy (MeV)

69-Tm-169

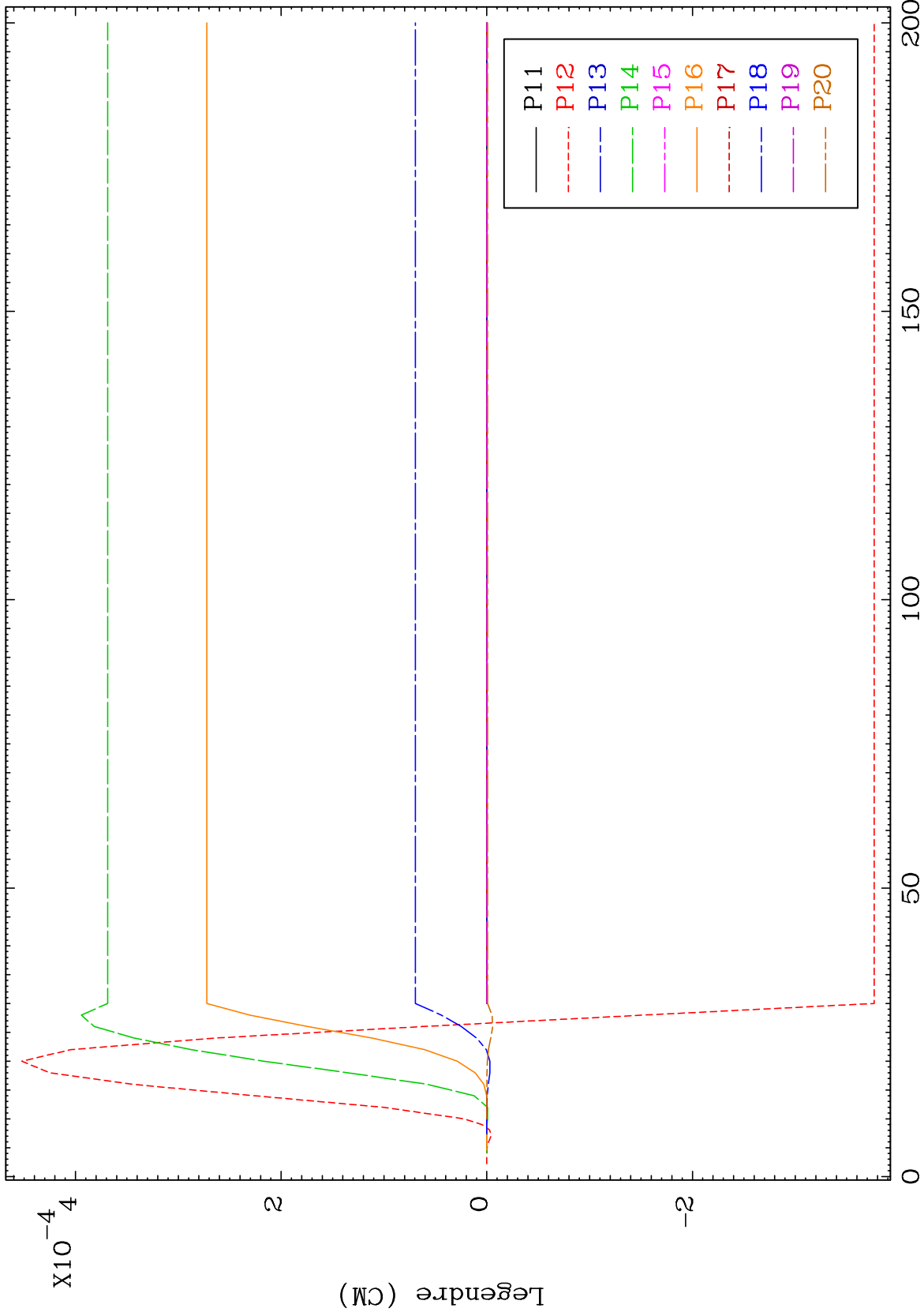




MAT 6925

MT= 54 (n,n') Level  
Legendre Coefficients

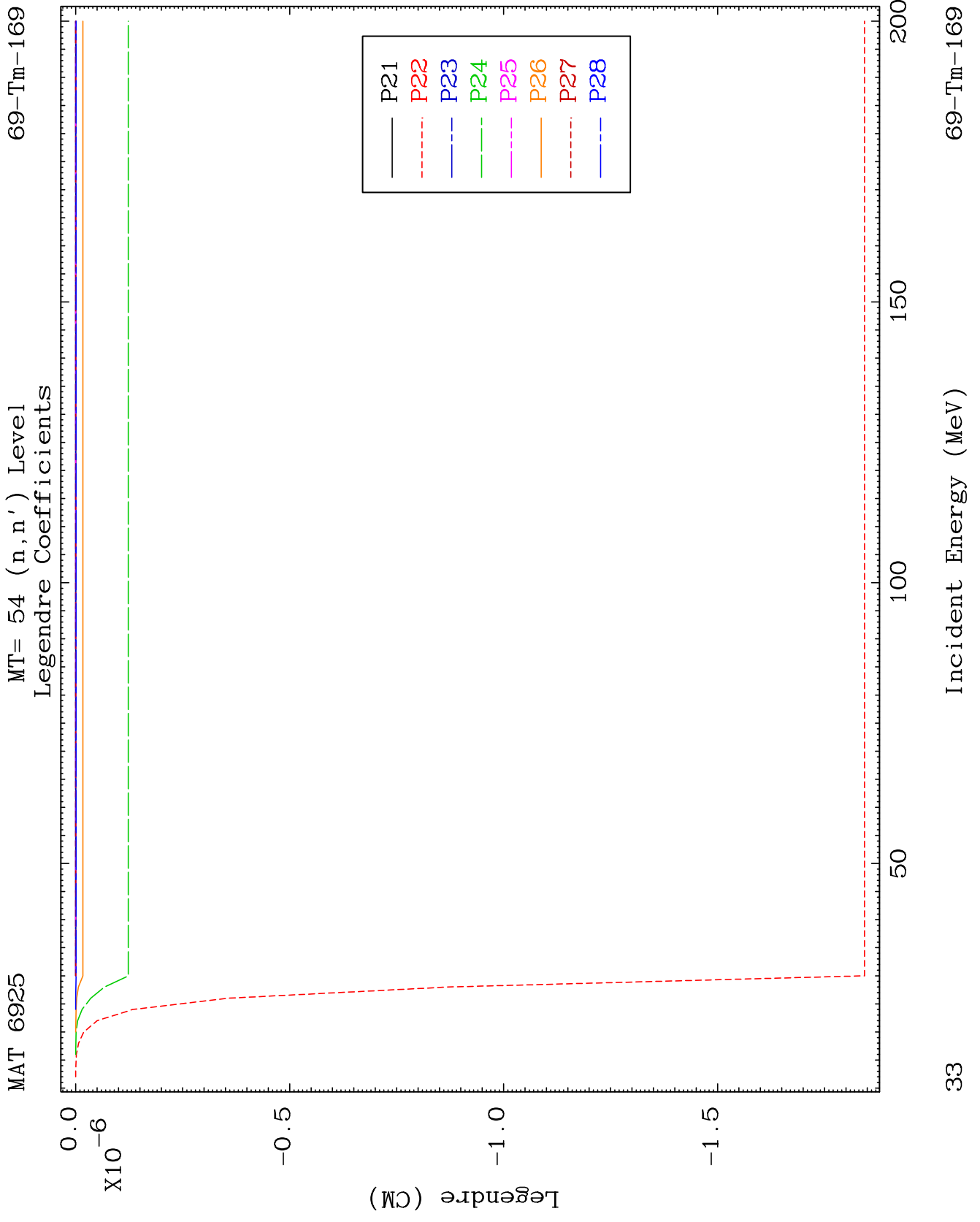
69-Tm-169



32

Incident Energy (MeV)

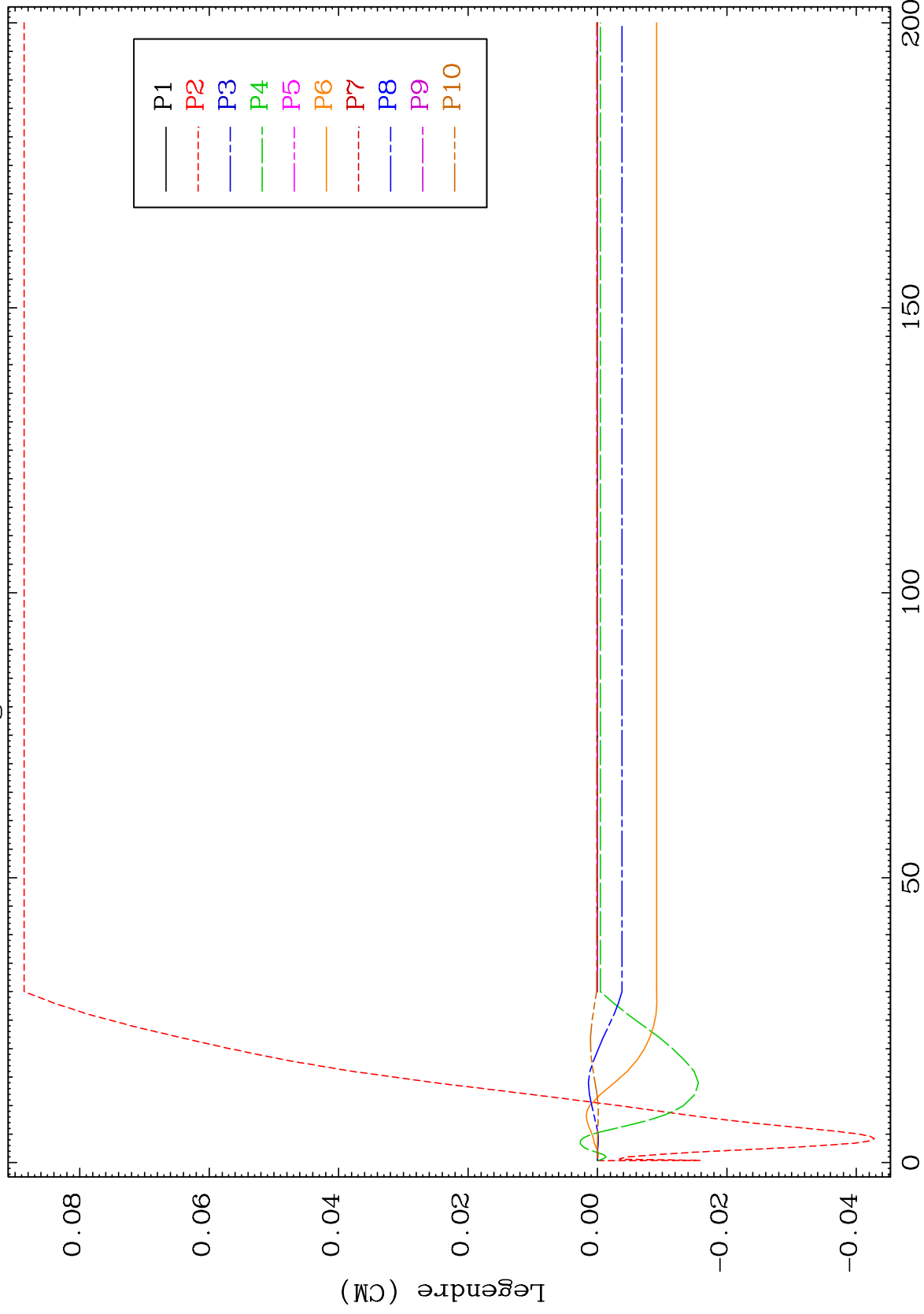
69-Tm-169



MAT 6925

MT= 55 (n,n') Level  
Legendre Coefficients

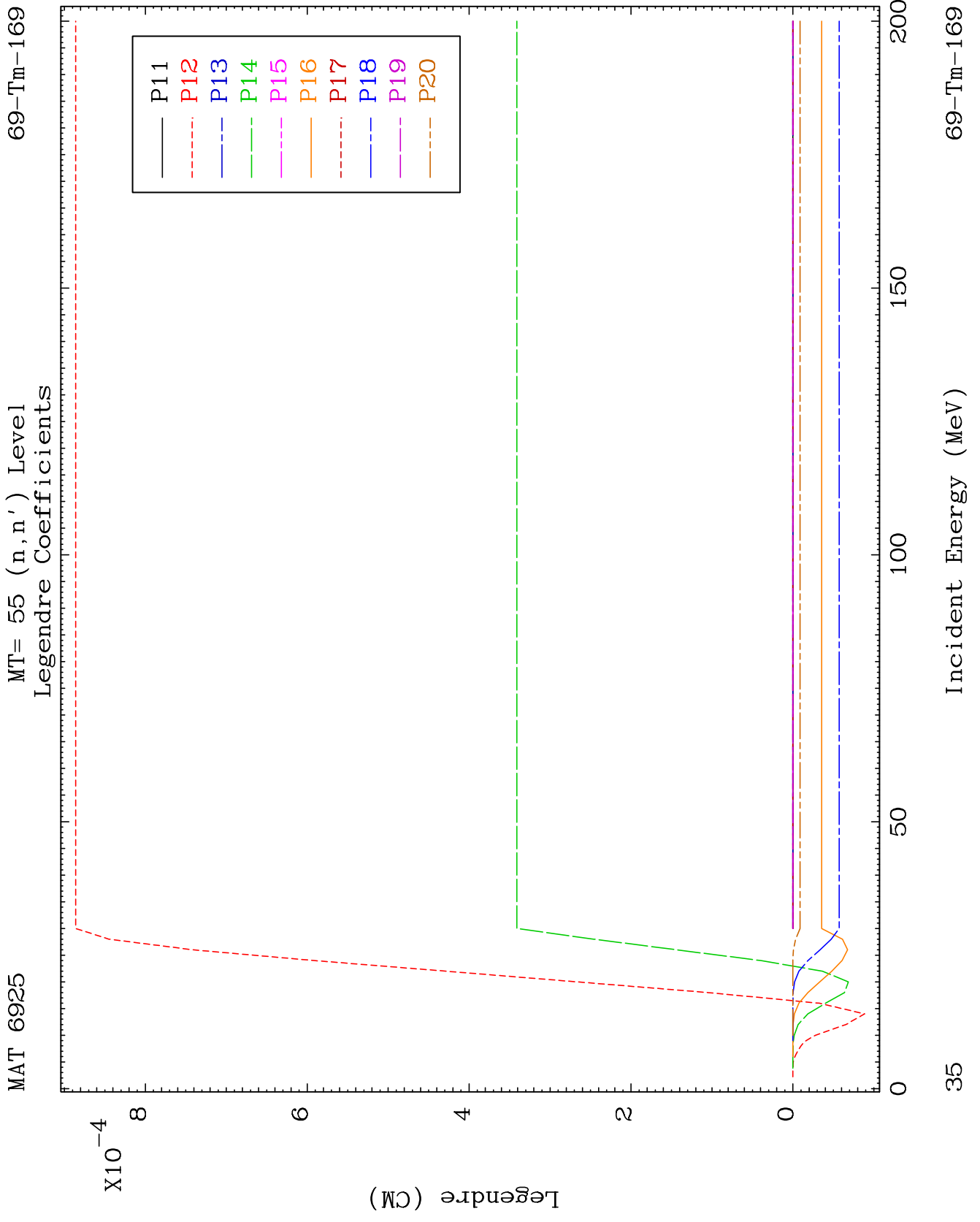
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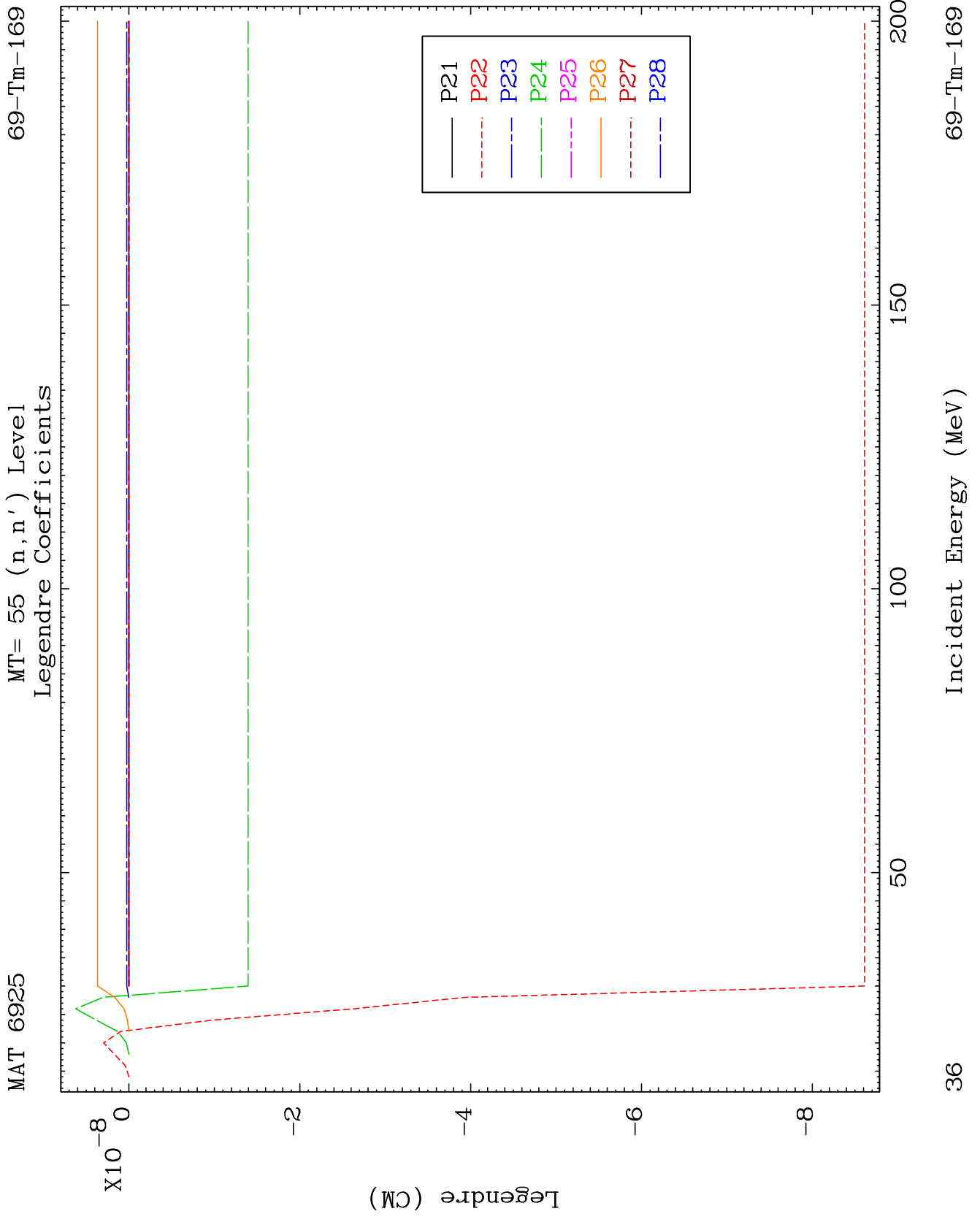


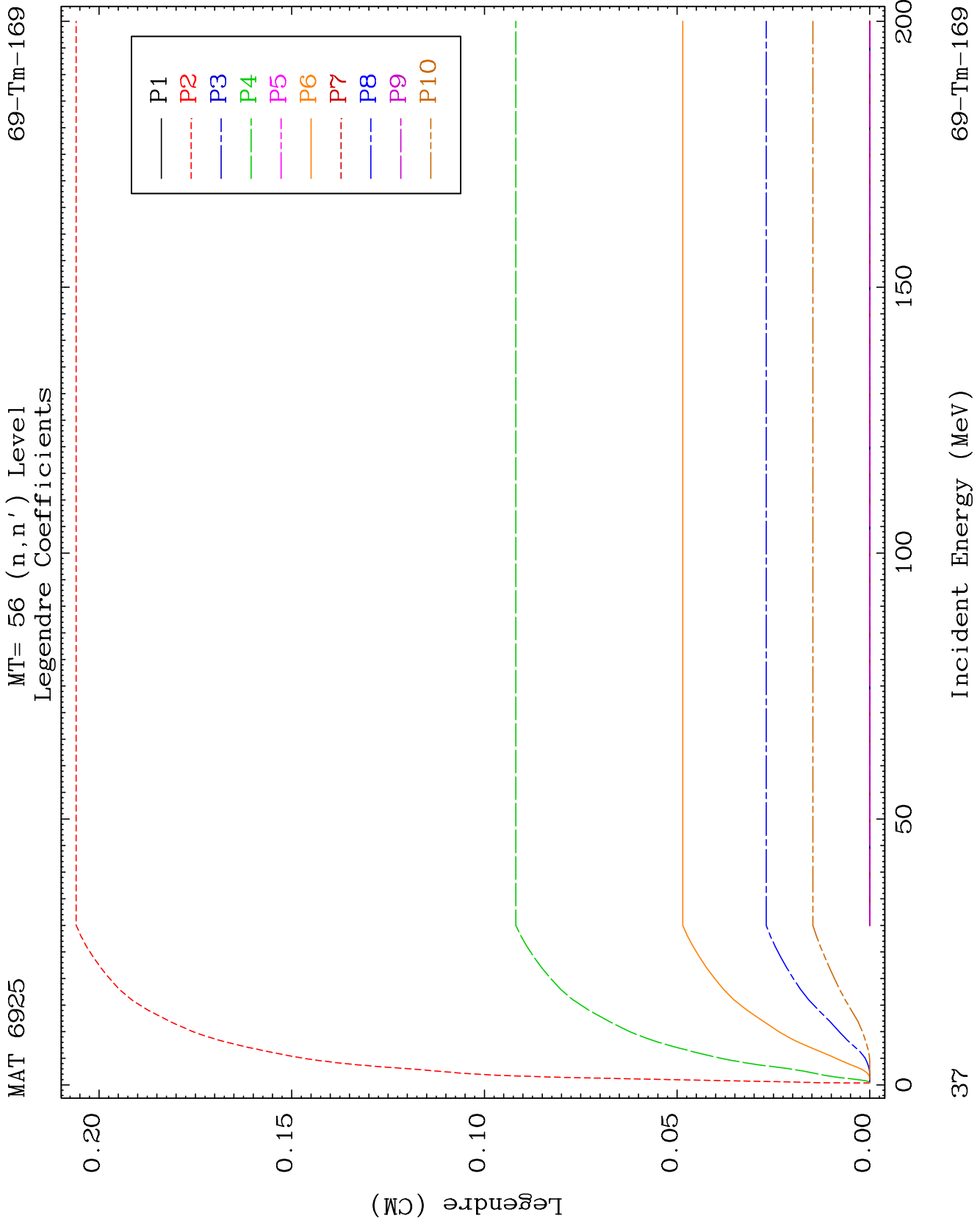
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Incident Energy (MeV)

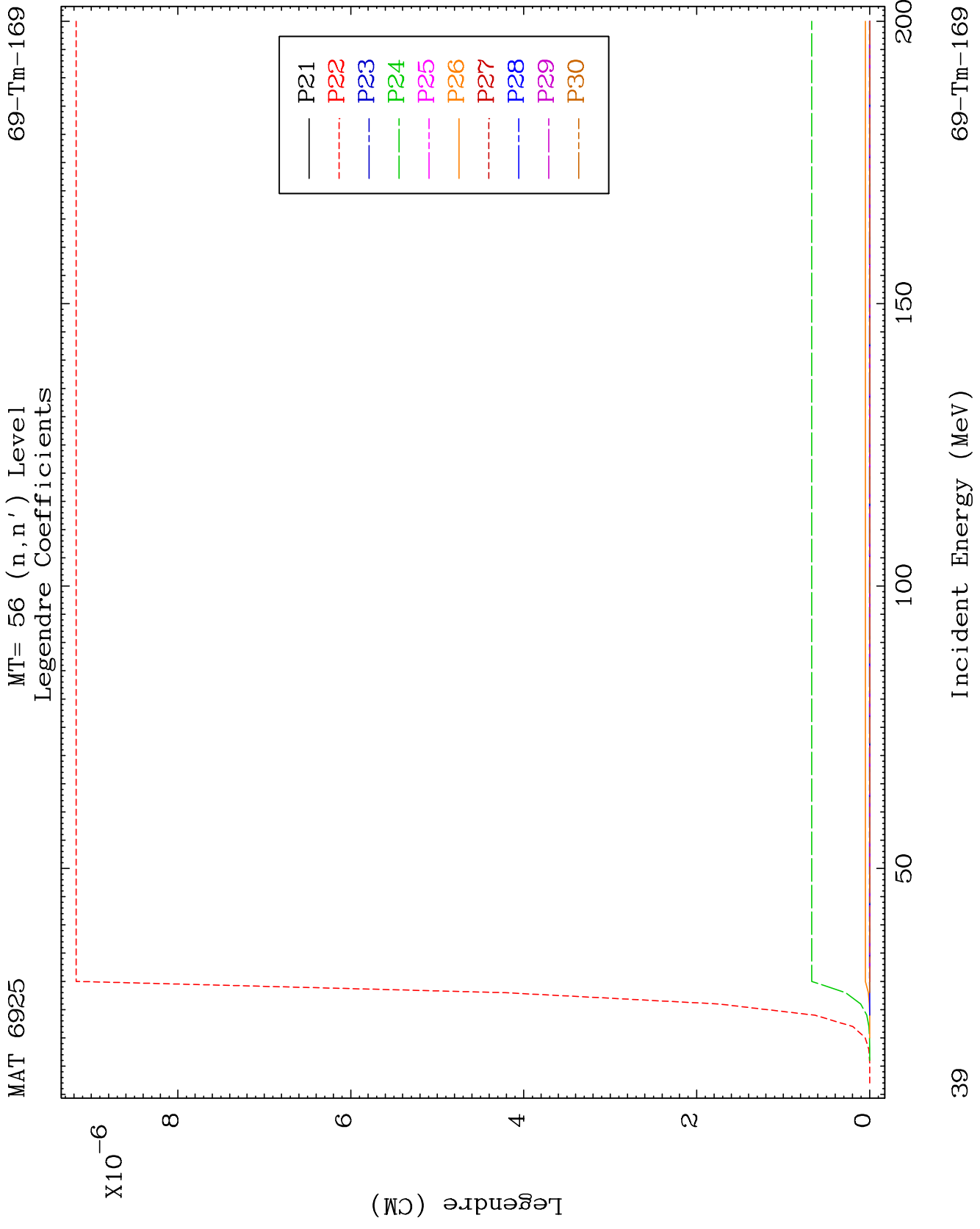
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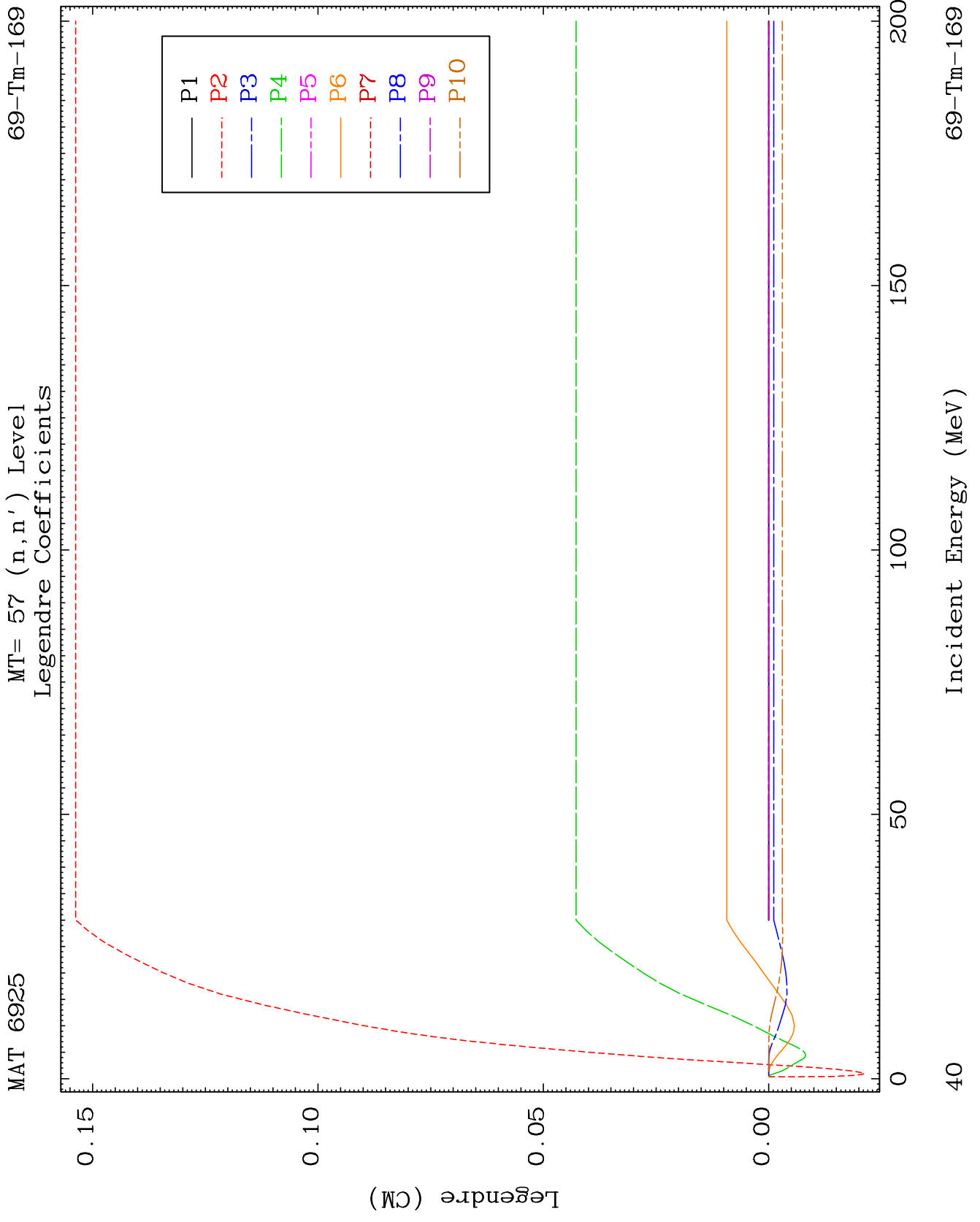


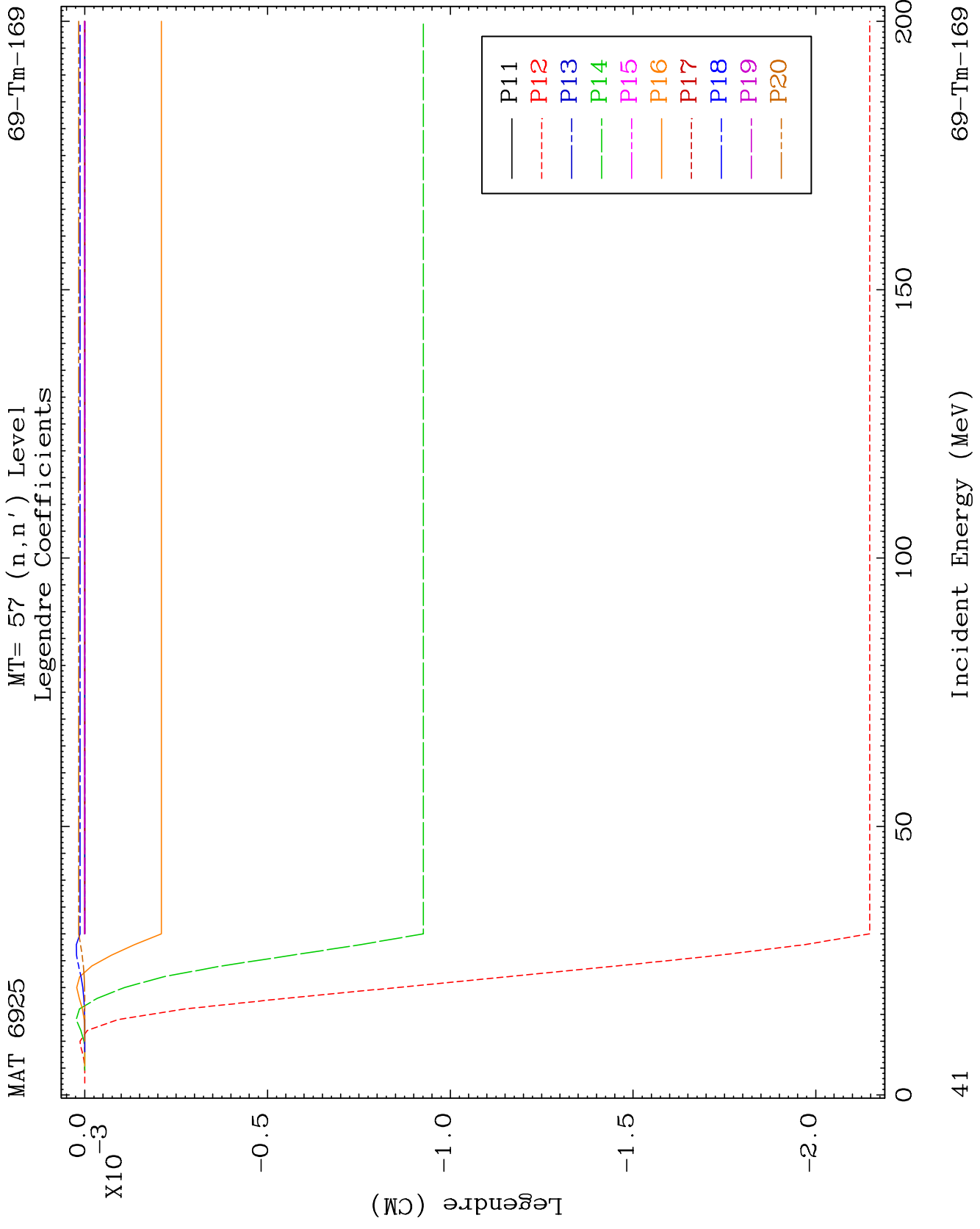


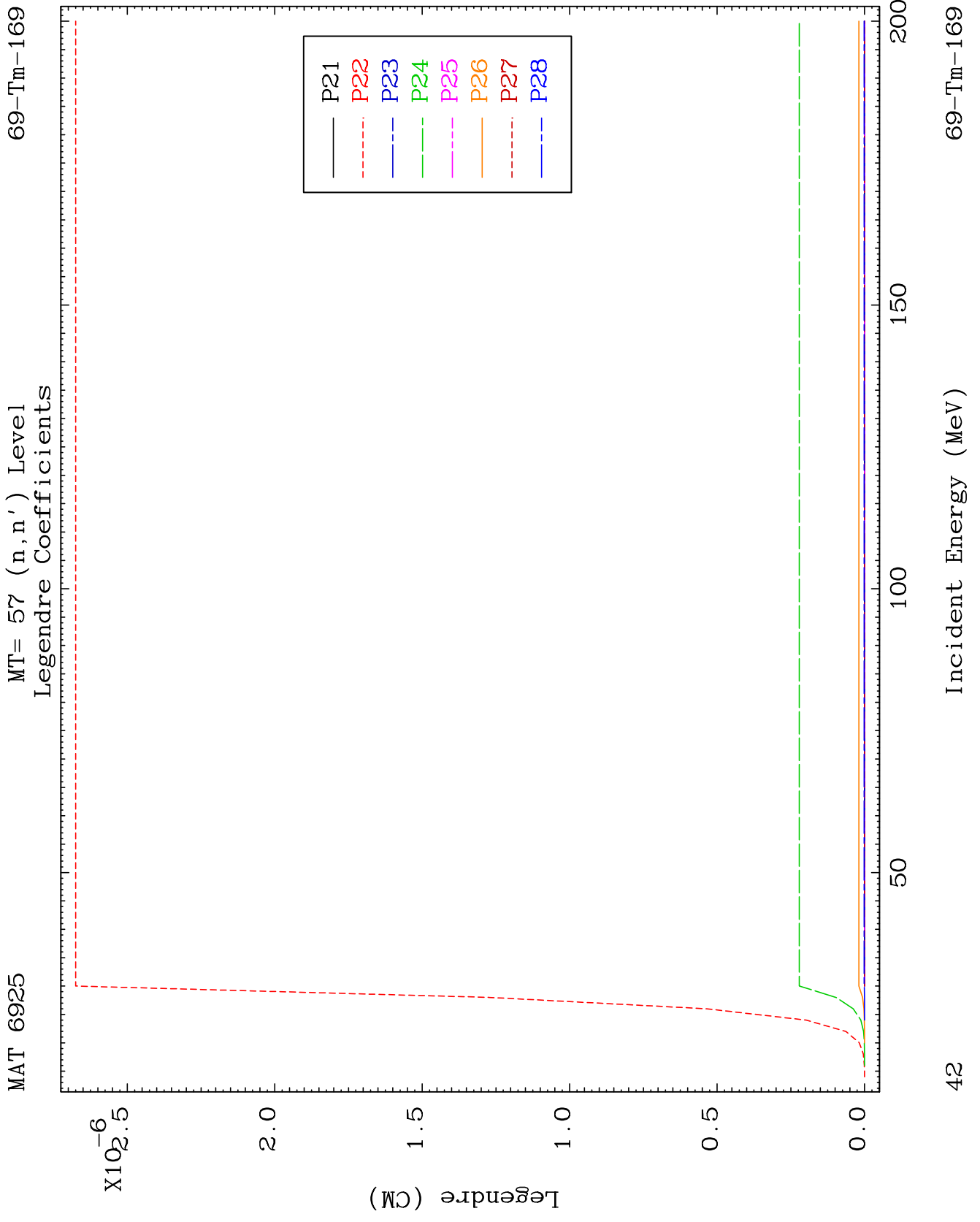








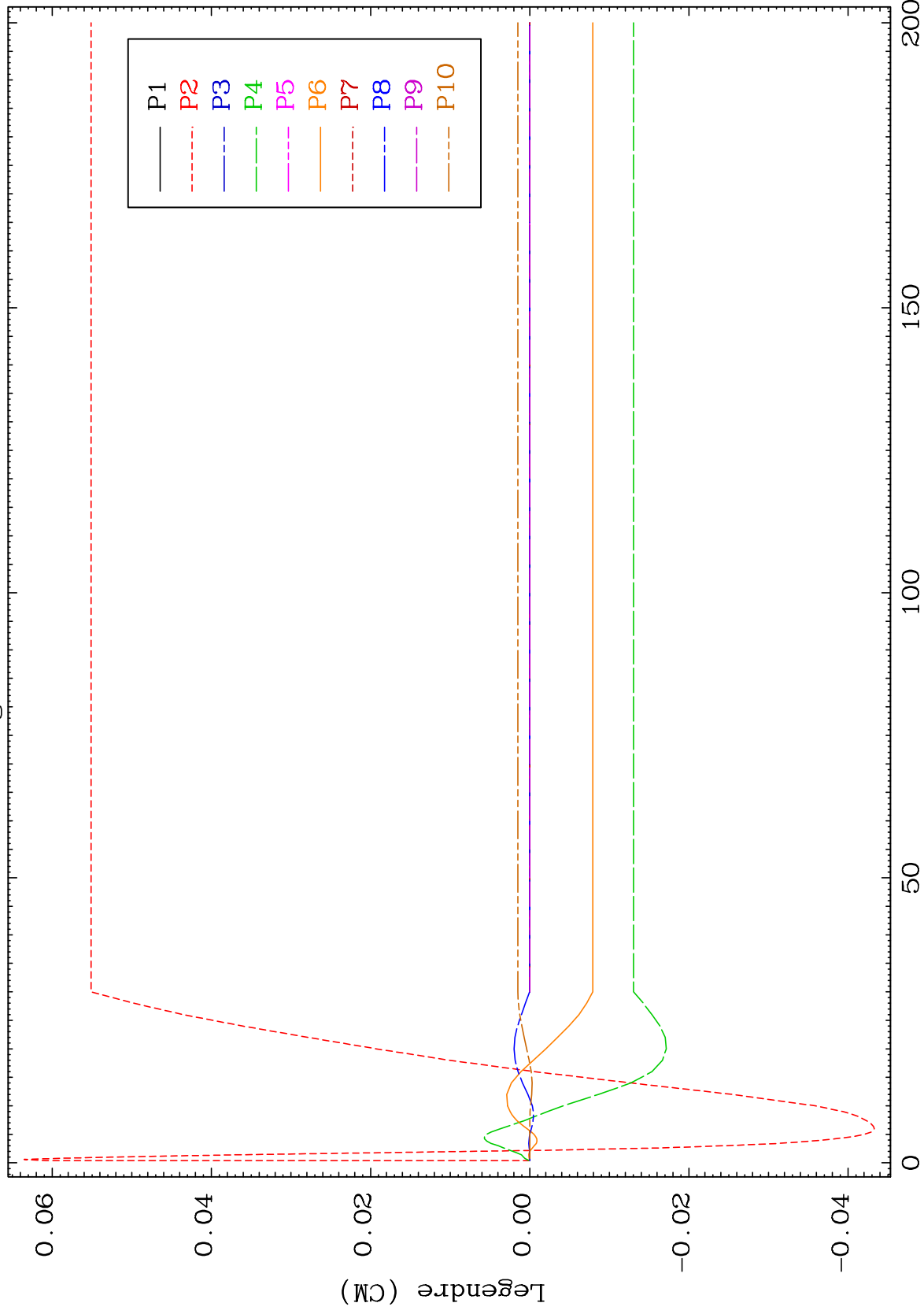




MAT 6925

MT= 58 (n,n') Level  
Legendre Coefficients

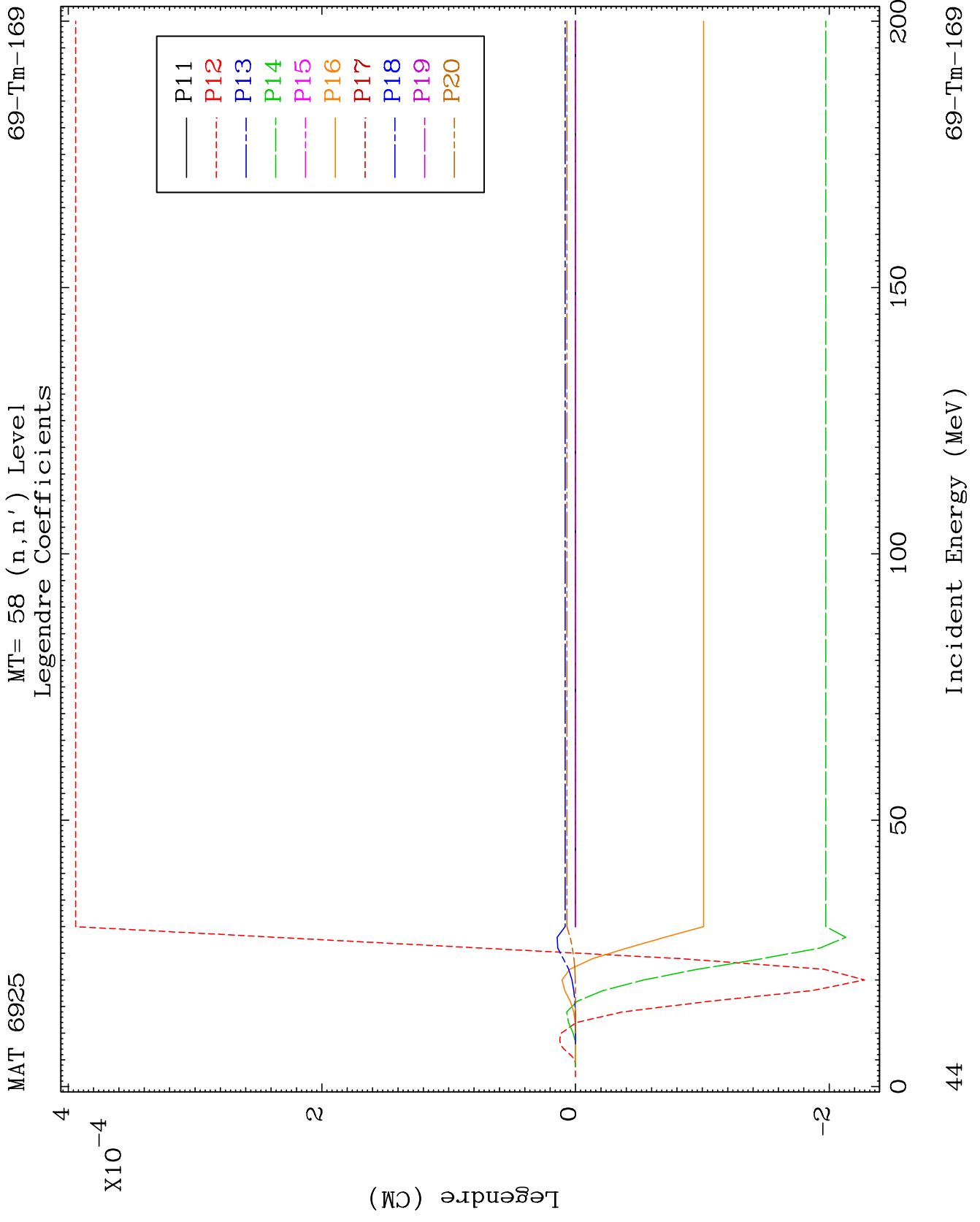
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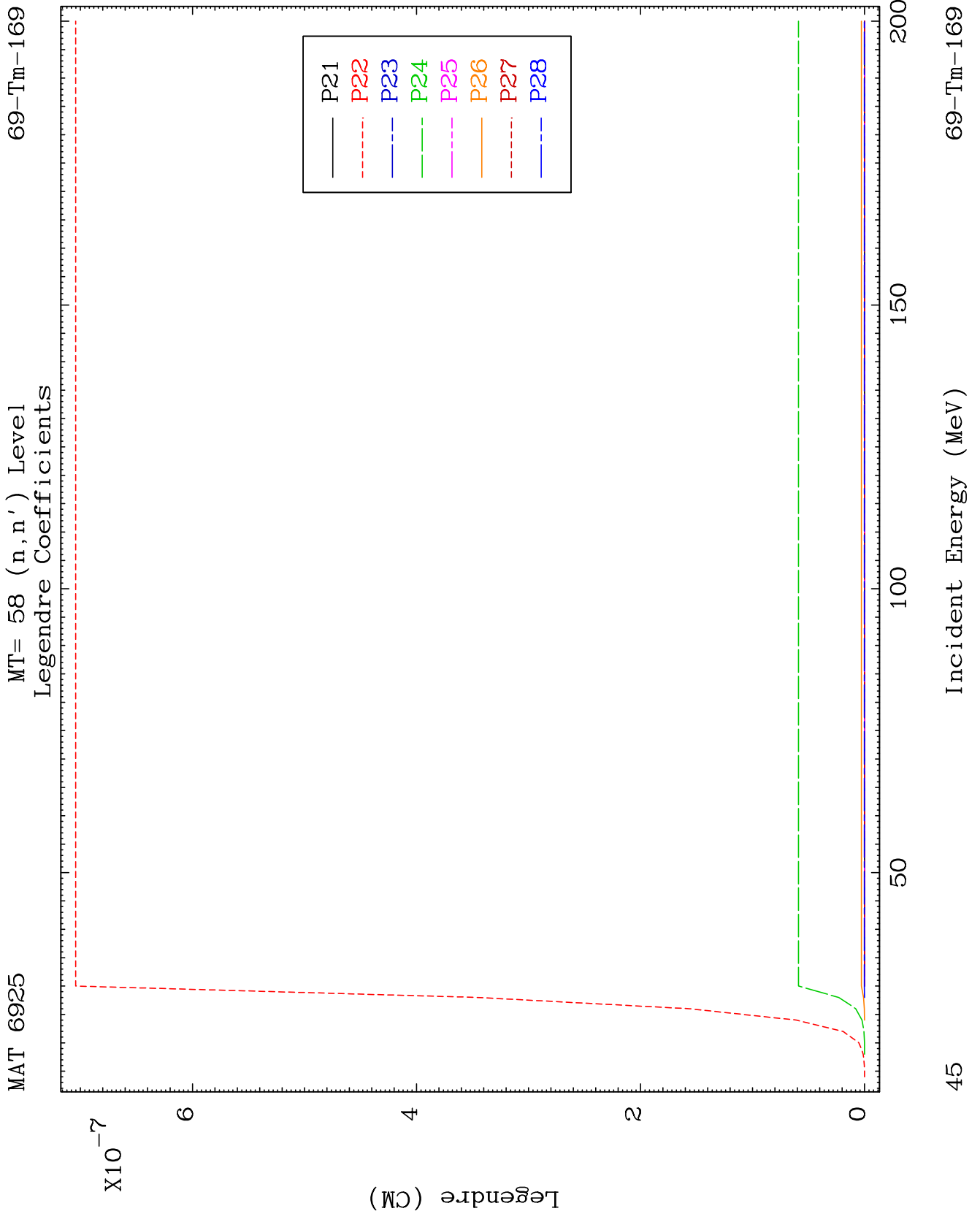


43

Incident Energy (MeV)

69-Tm-169



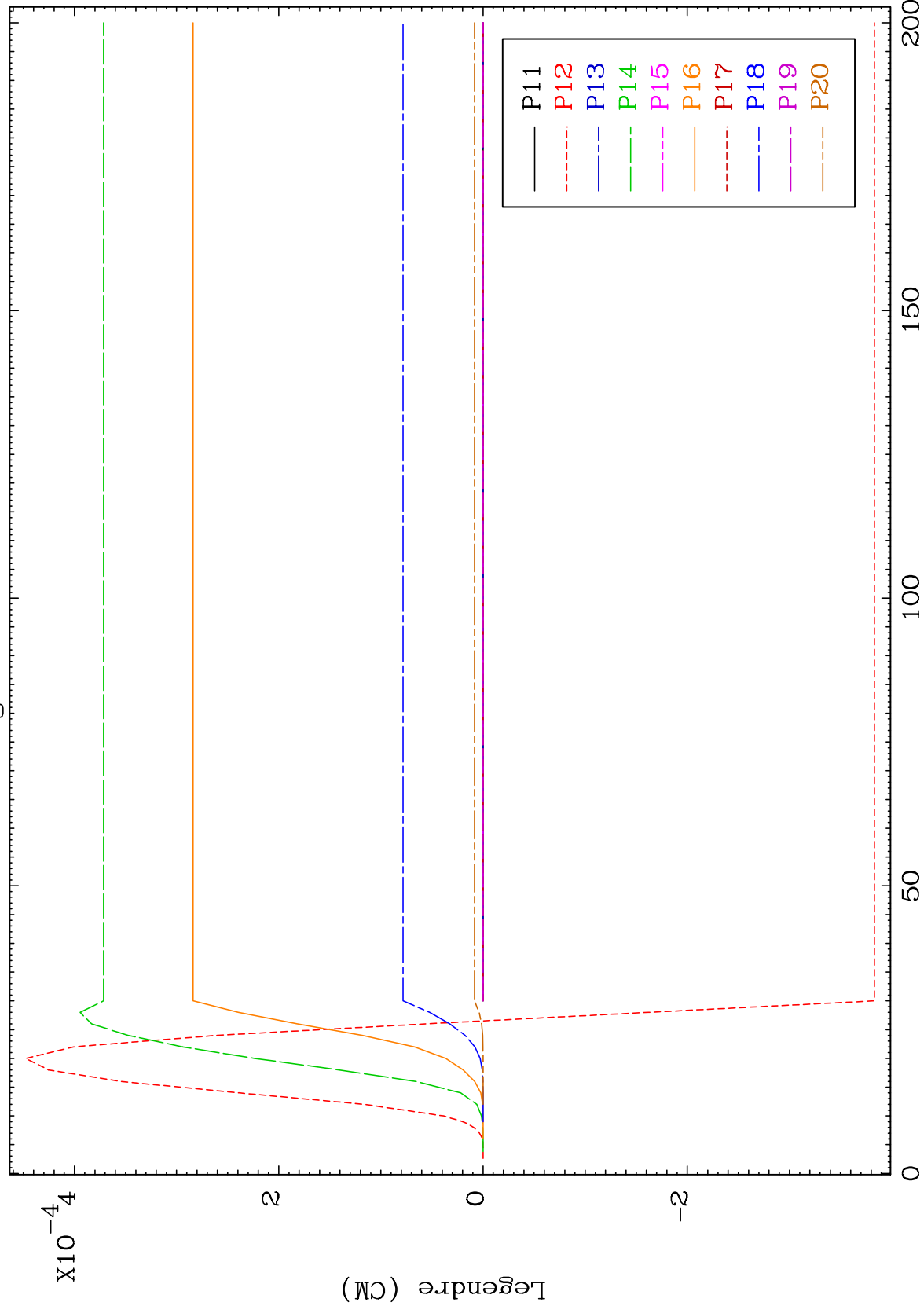




MAT 6925

MT= 59 (n,n') Level  
Legendre Coefficients

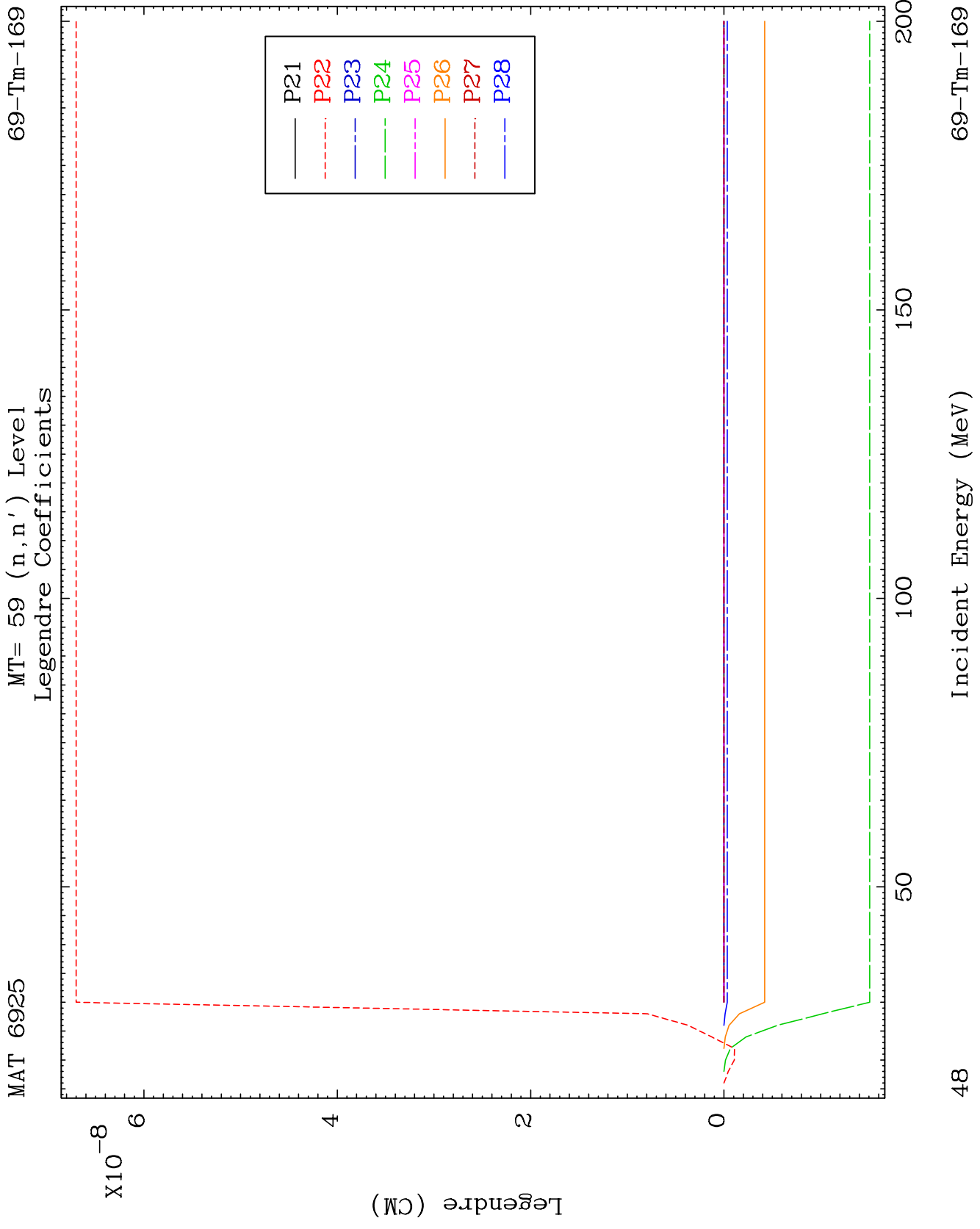
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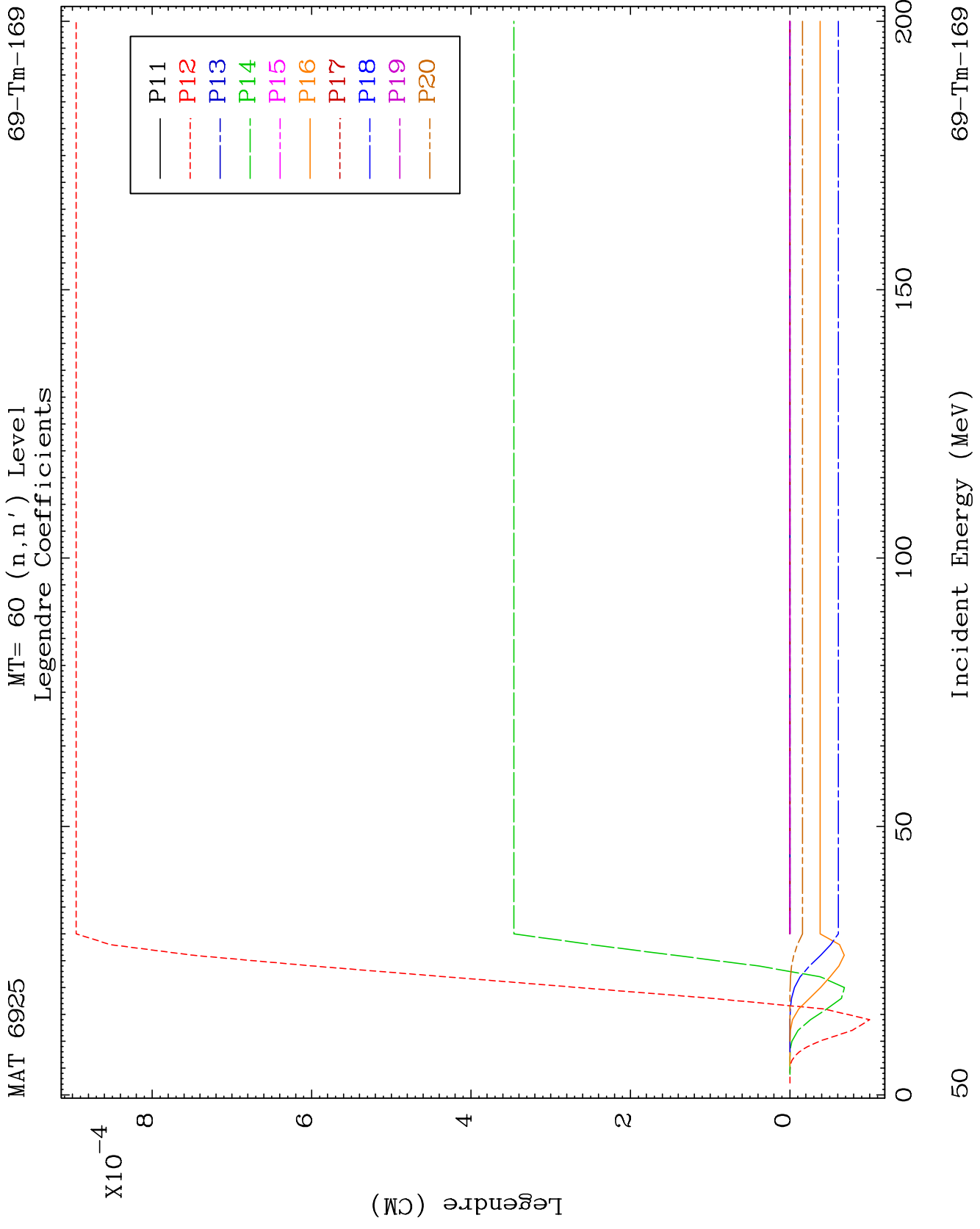
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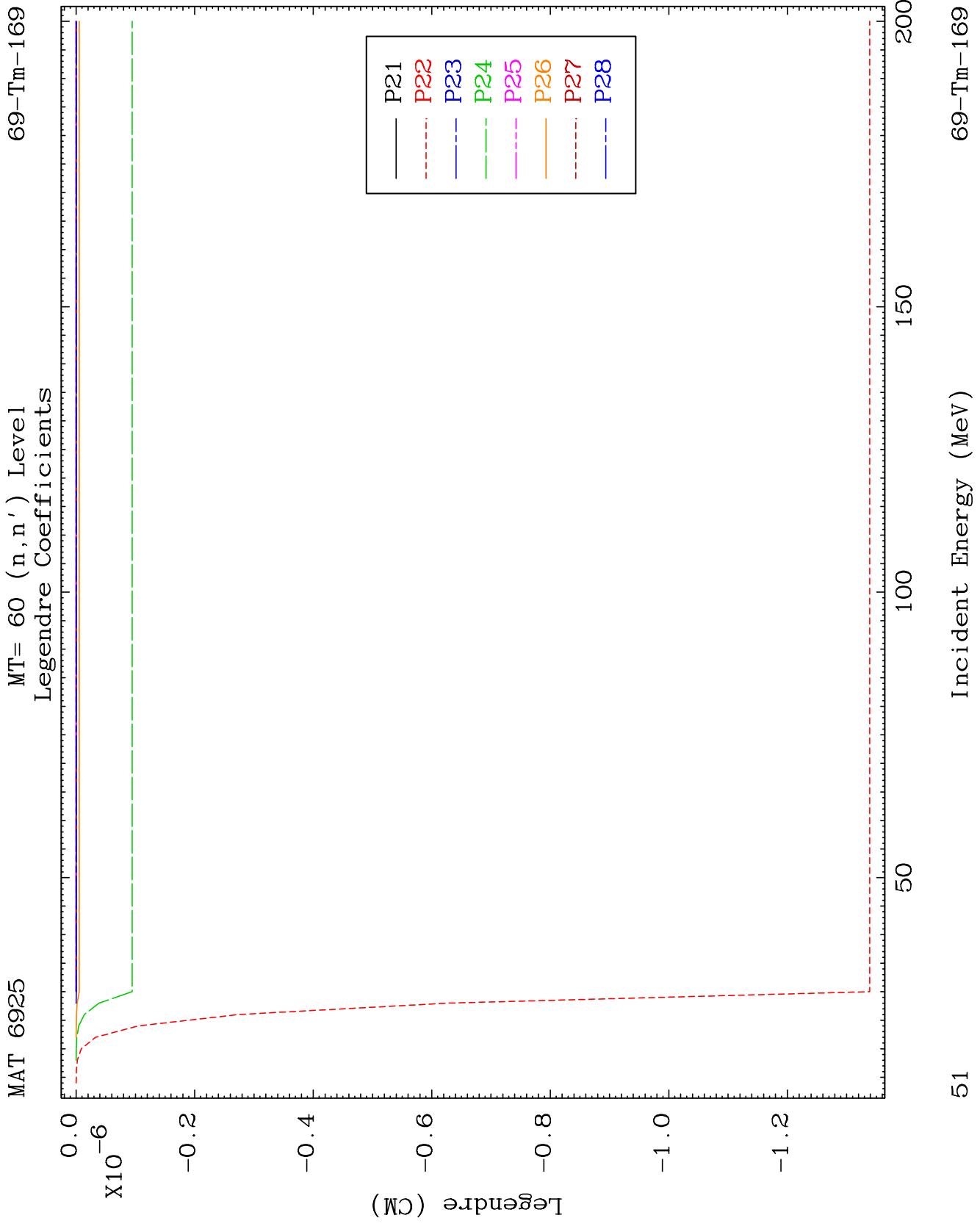
Incident Energy (MeV)

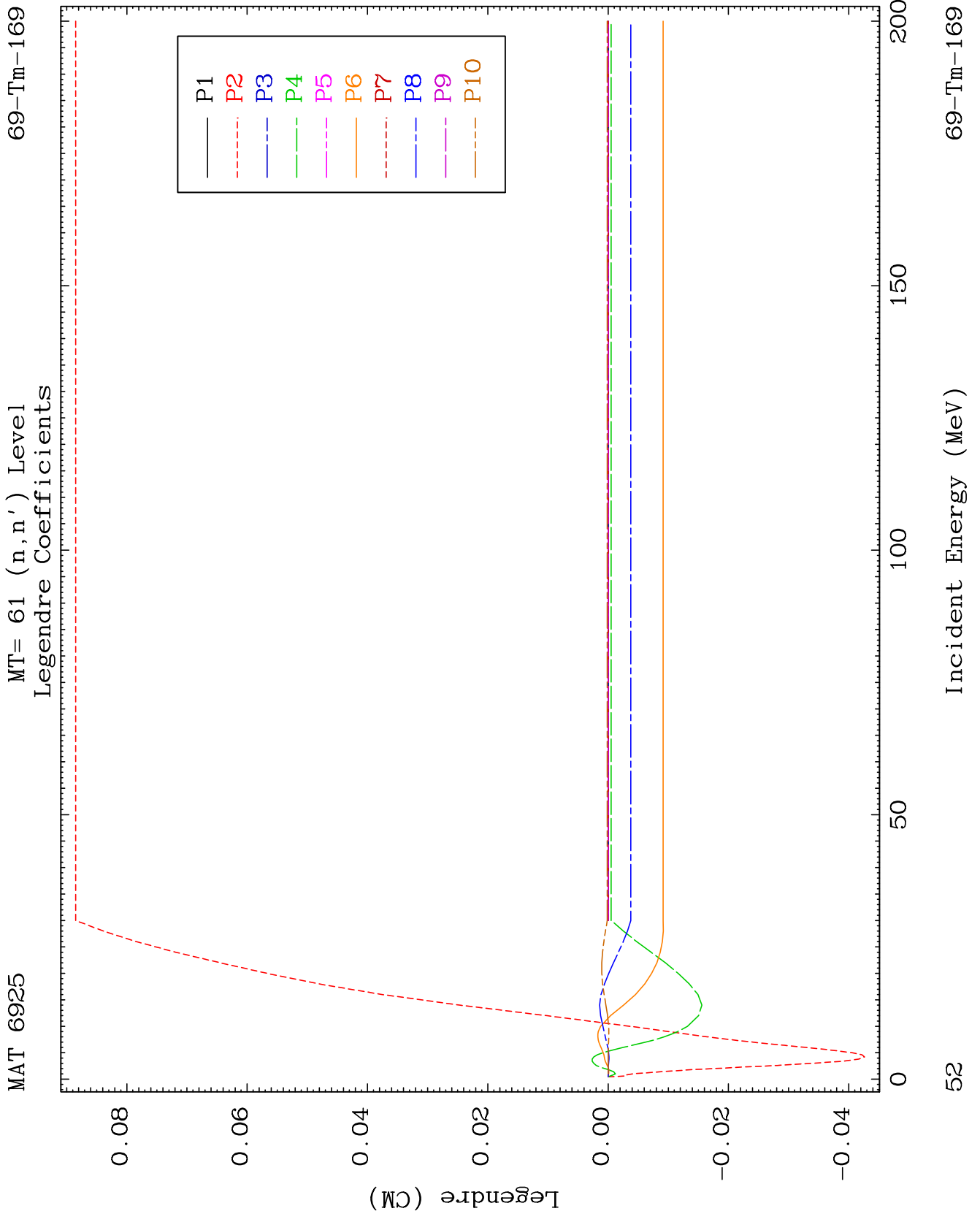
69-Tm-169

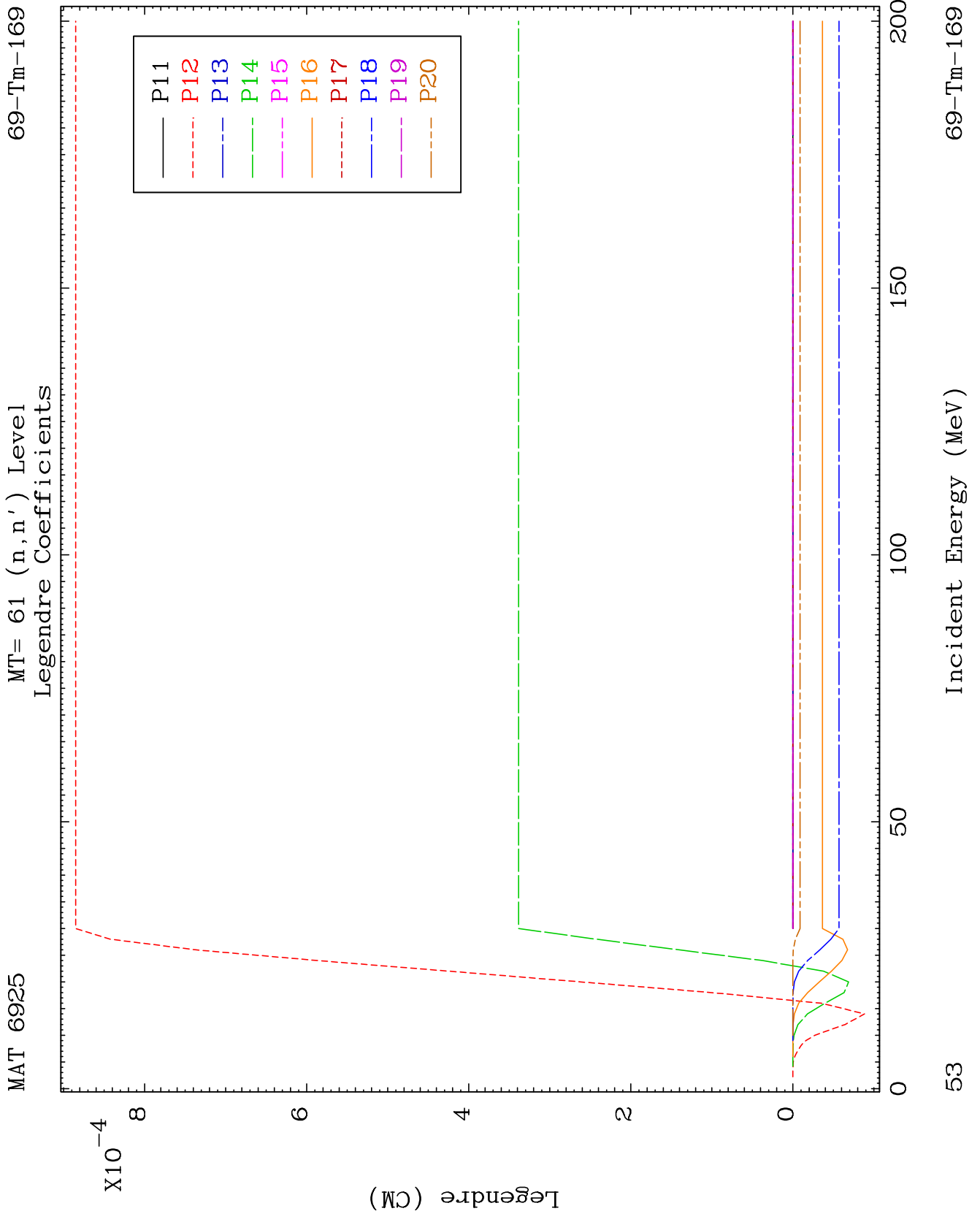


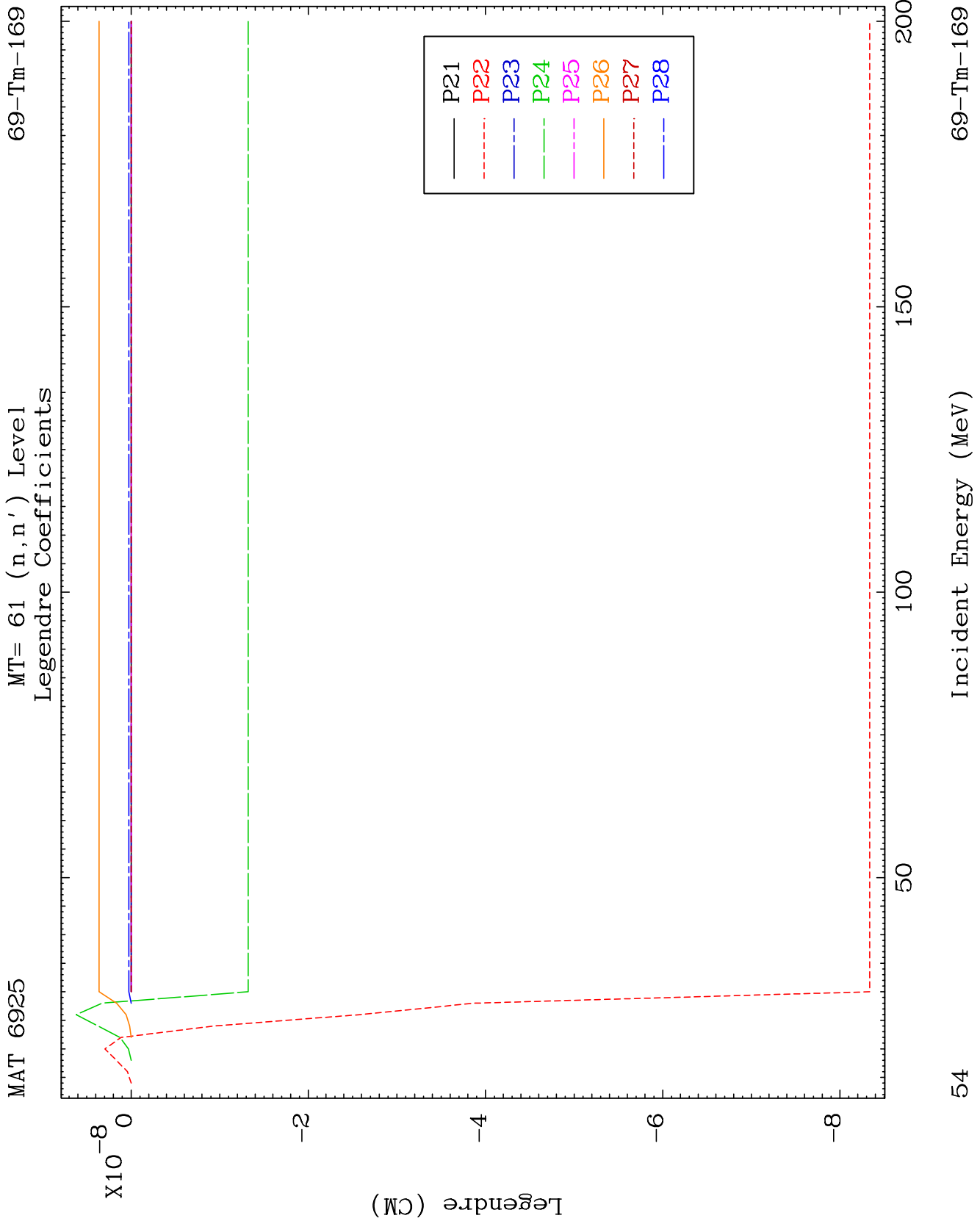


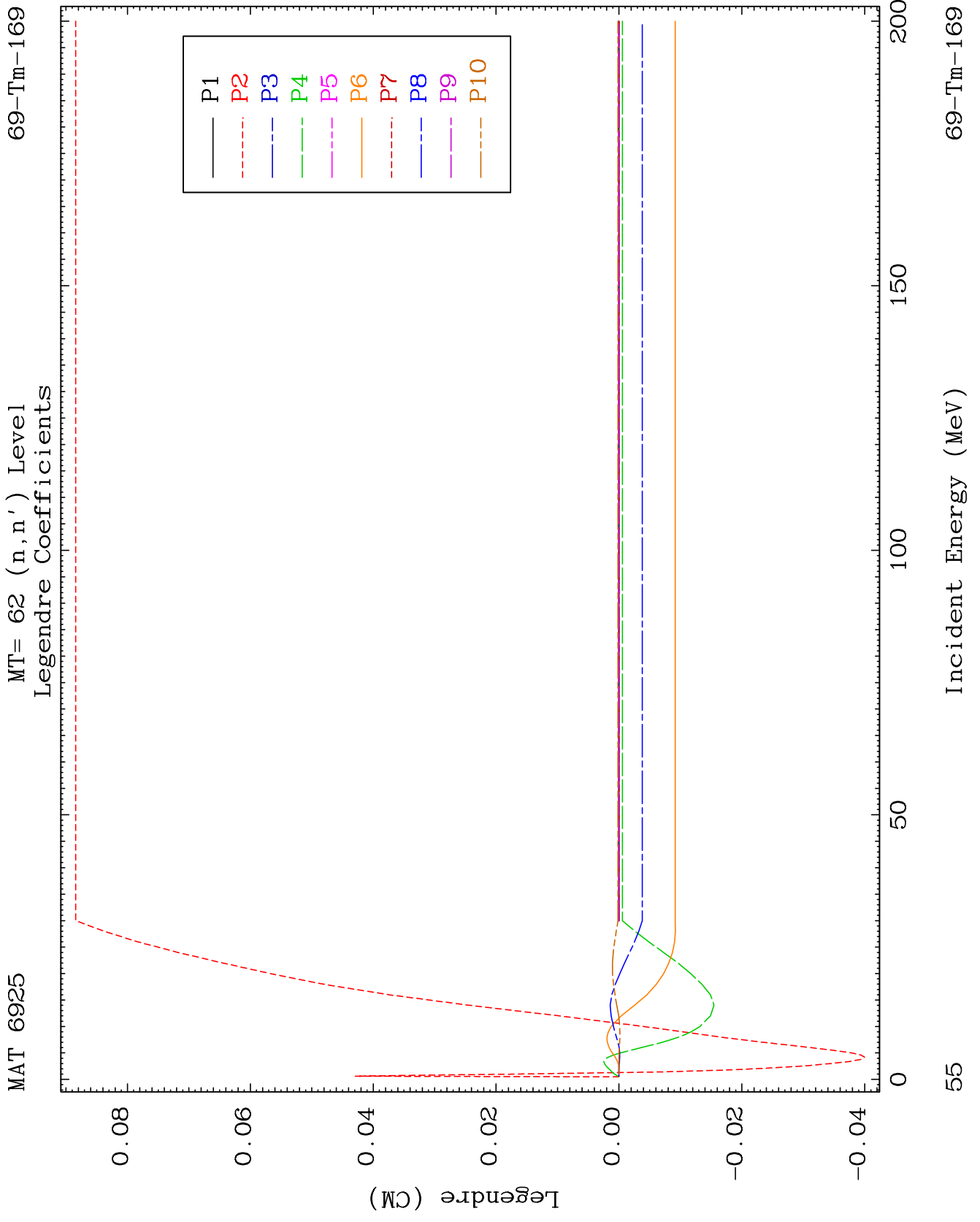


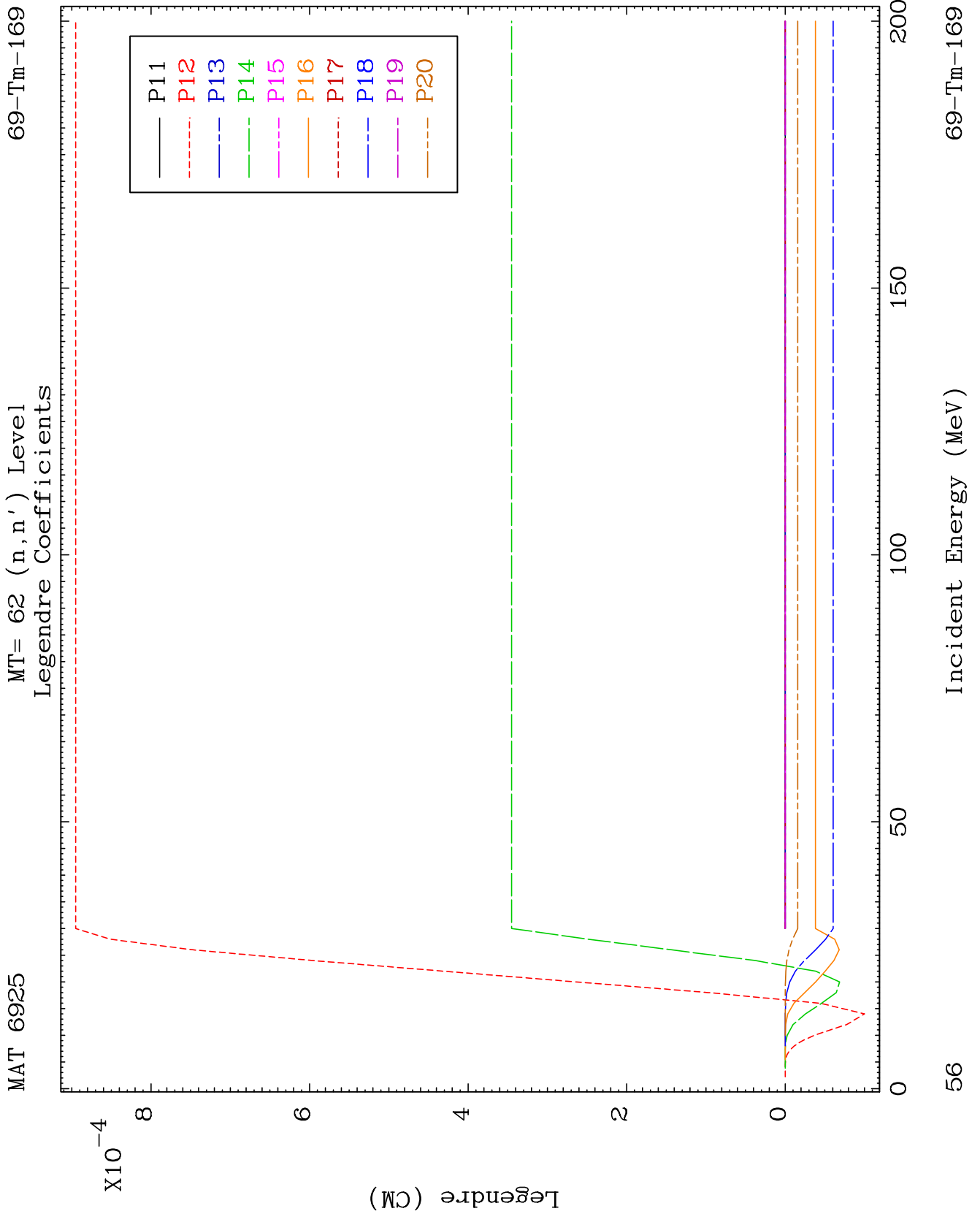


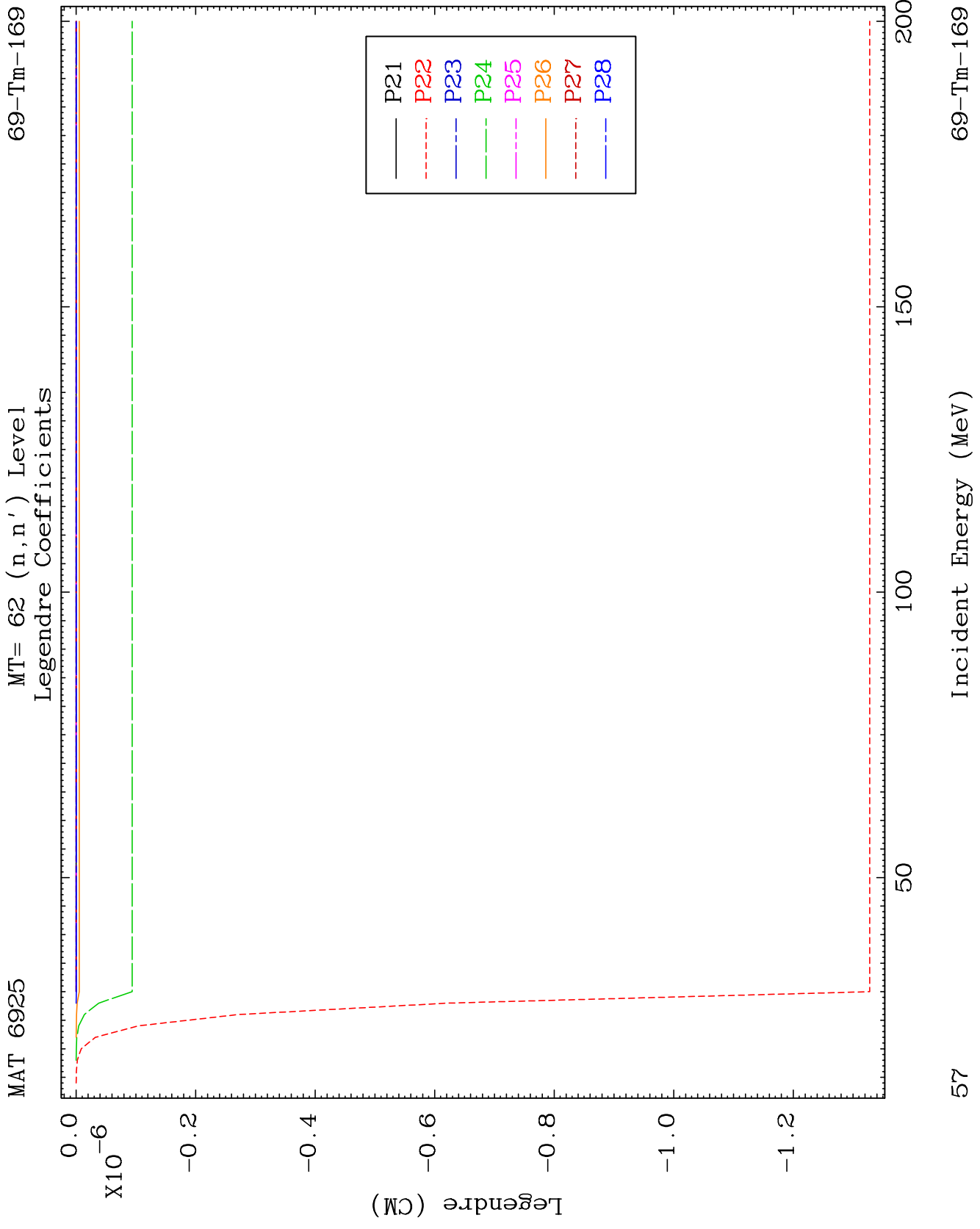


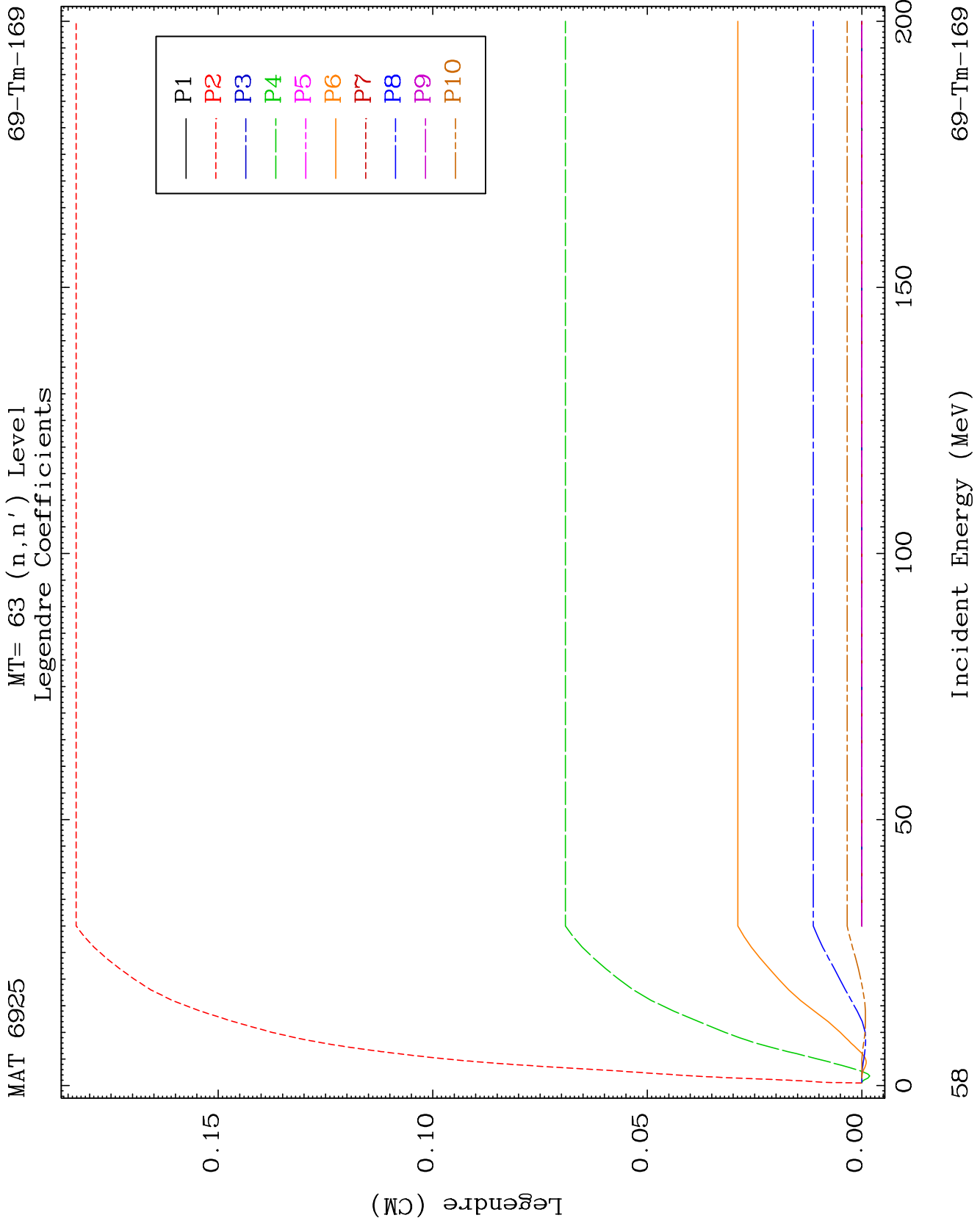








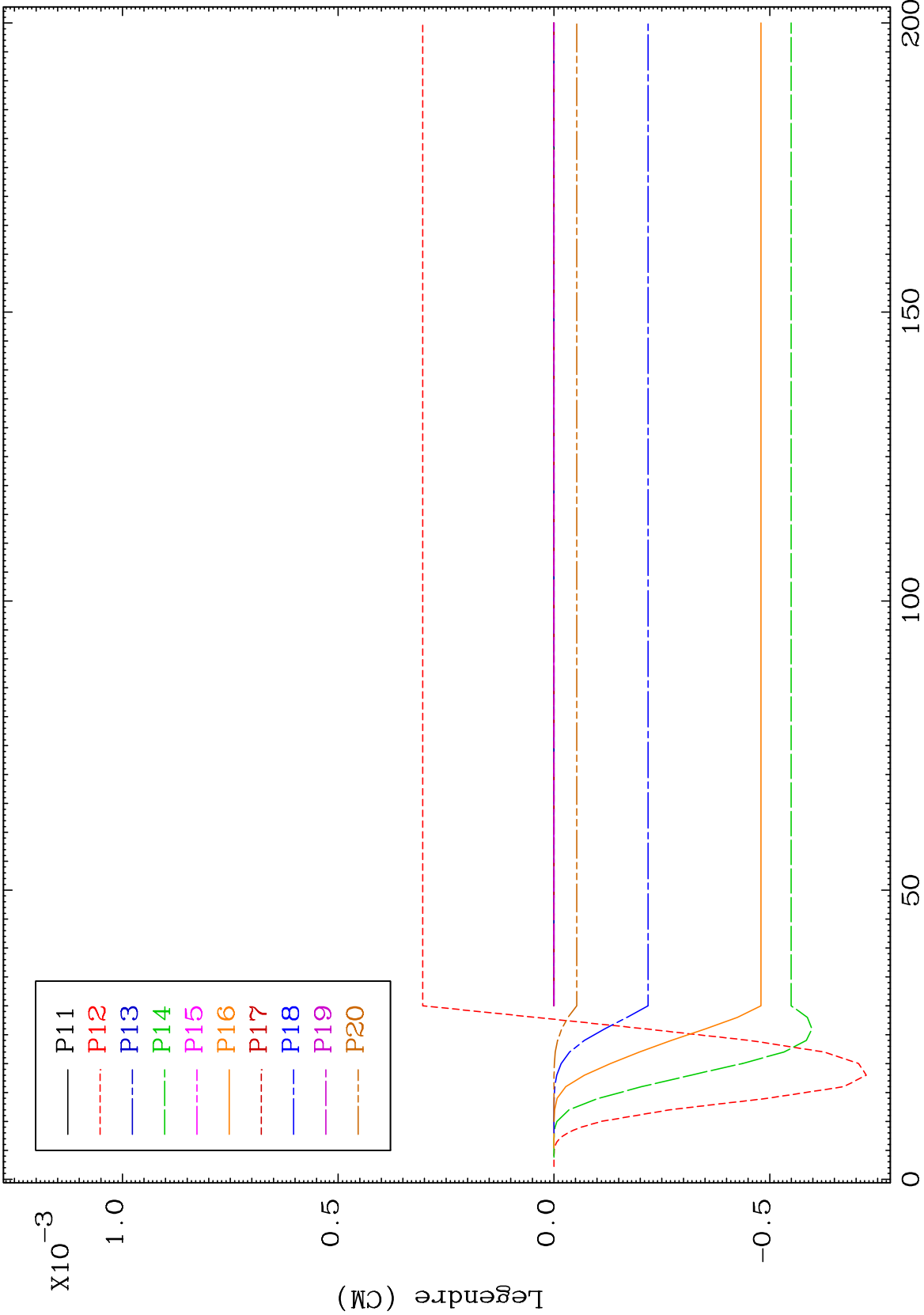




MAT 6925

MT= 63 (n,n') Level  
Legendre Coefficients

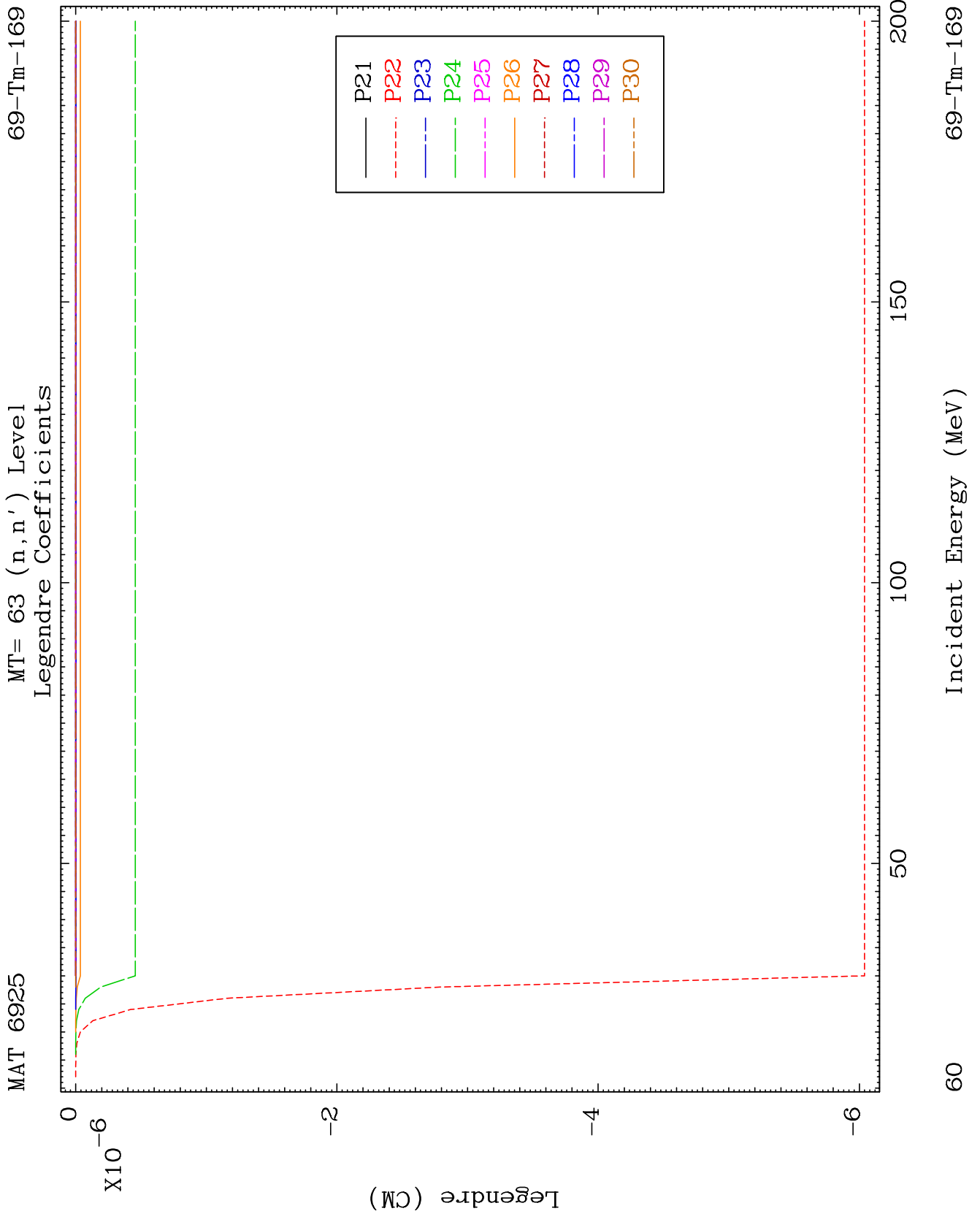
69-Tm-169



59

Incident Energy (MeV)

69-Tm-169

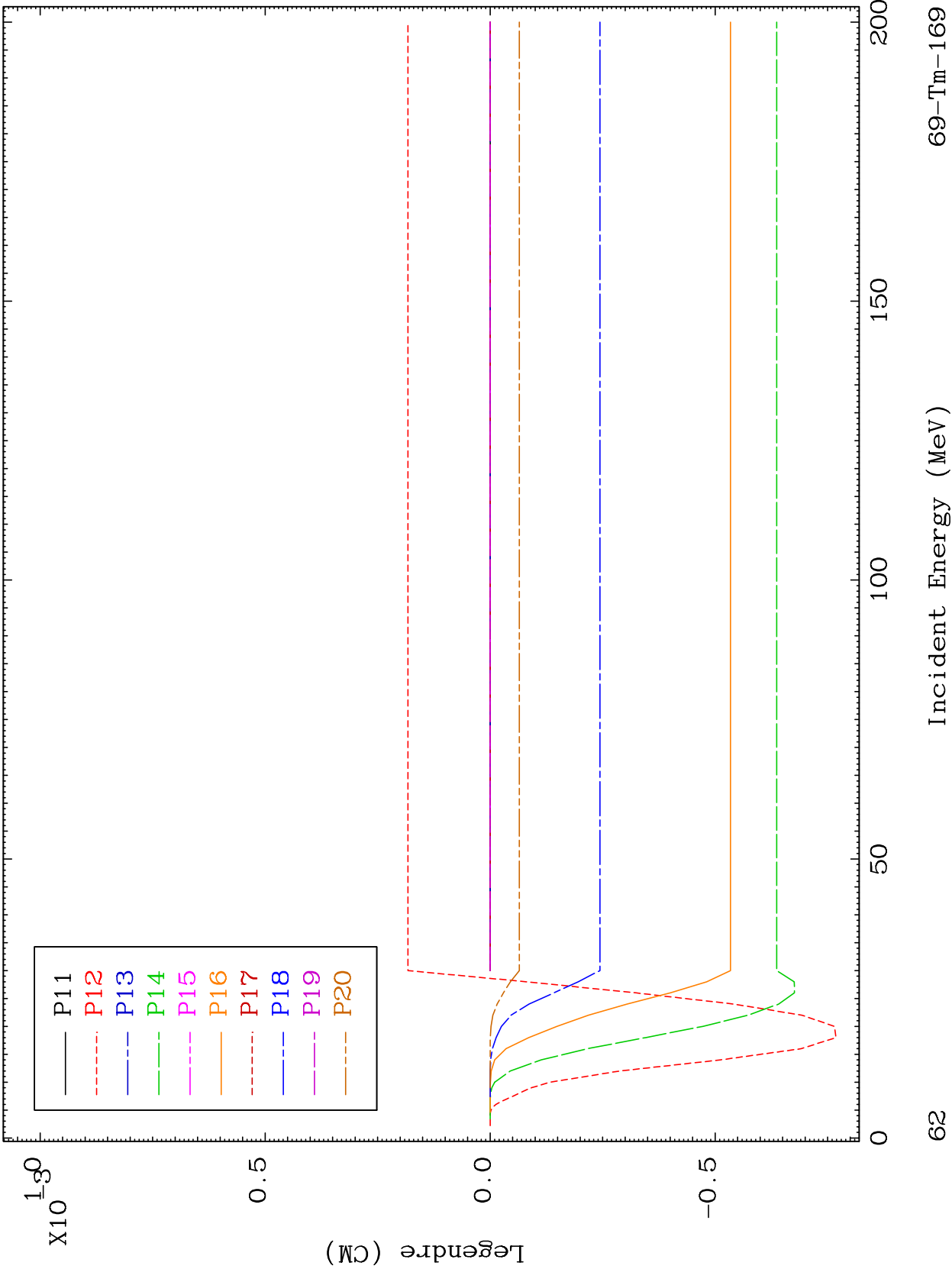




MAT 6925

MT= 64 (n,n') Level  
Legendre Coefficients

69-Tm-169



62

Incident Energy (MeV)

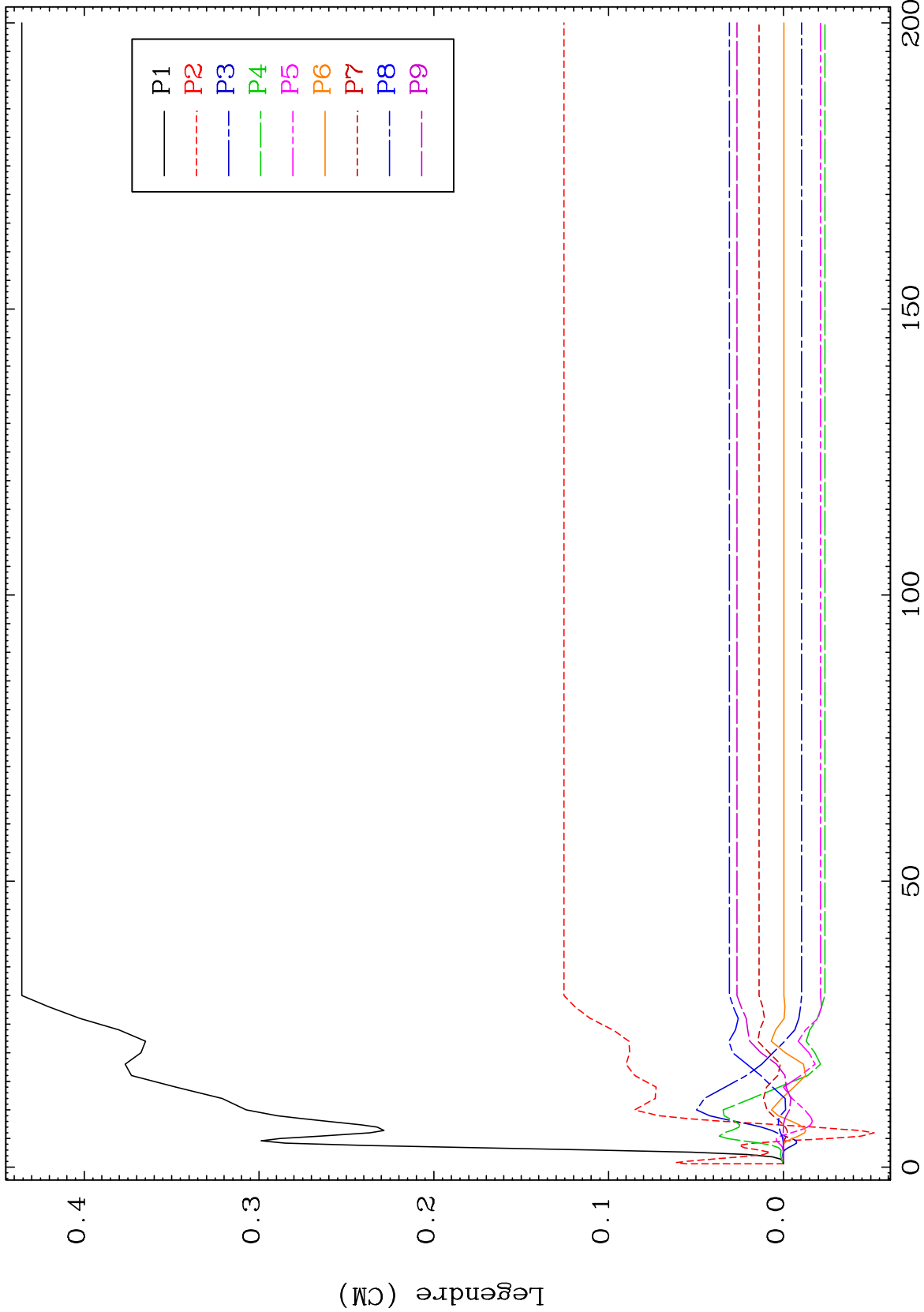
69-Tm-169



MAT 6925

MT= 65 (n,n') Level  
Legendre Coefficients

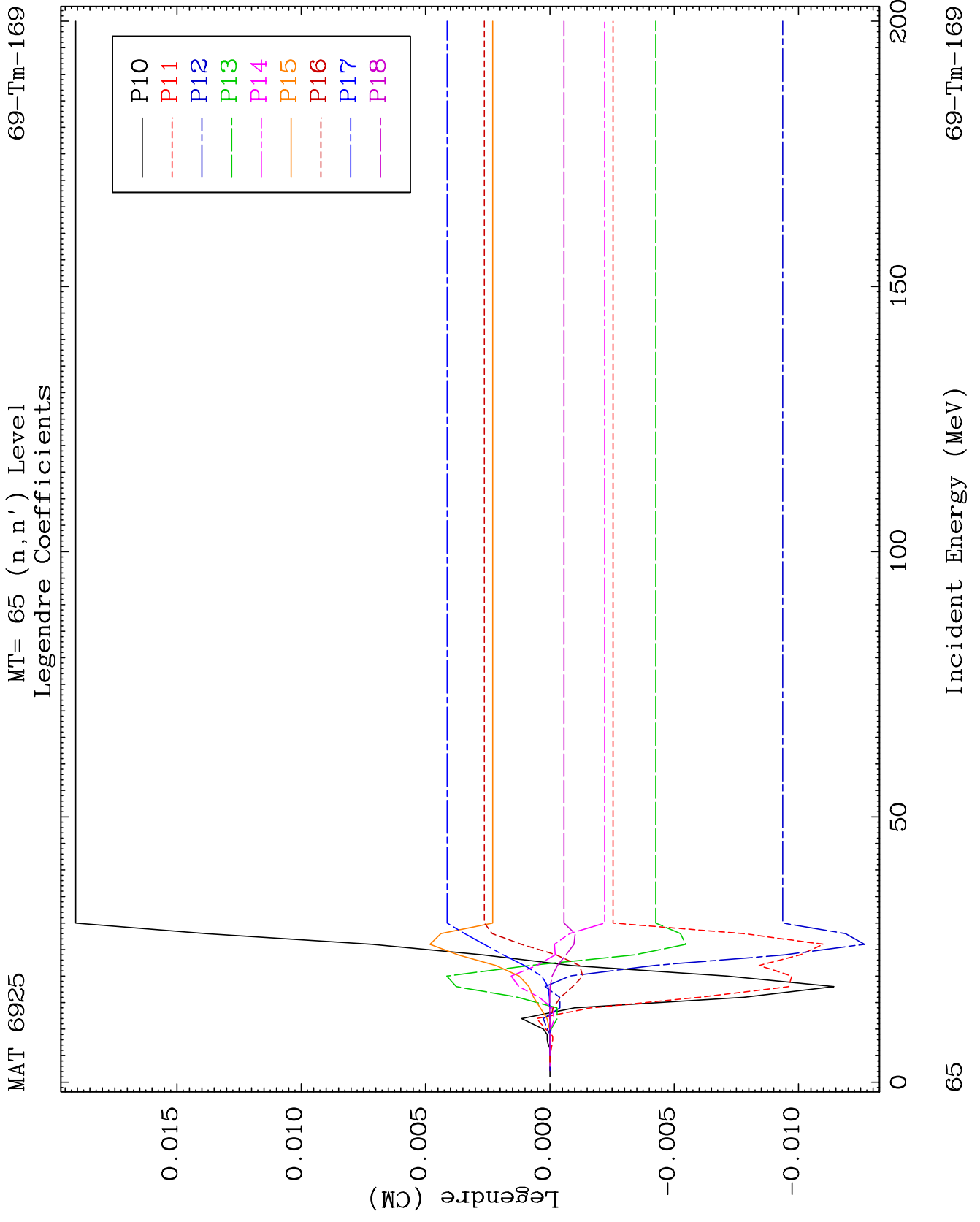
69-Tm-169



64

Incident Energy (MeV)

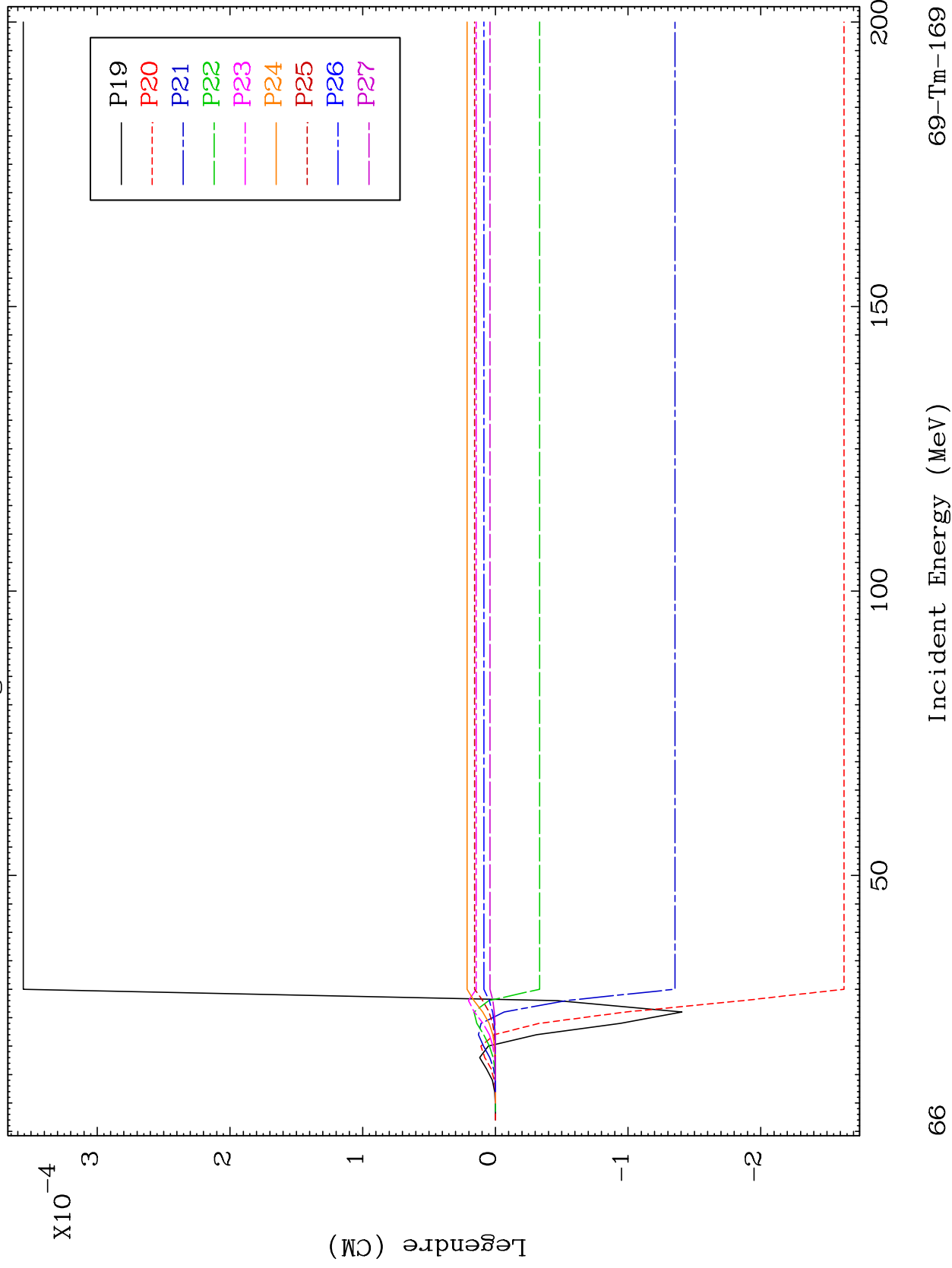
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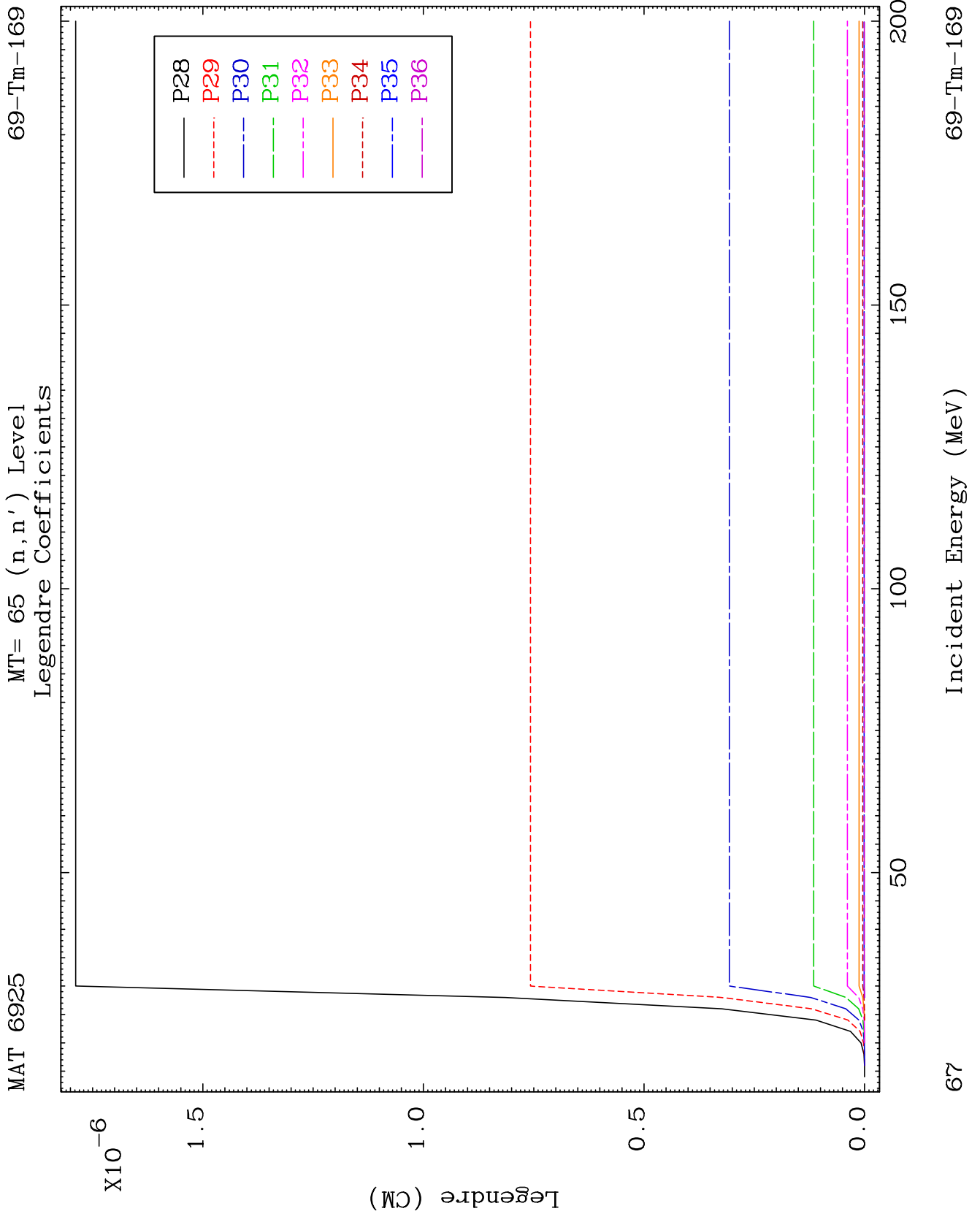


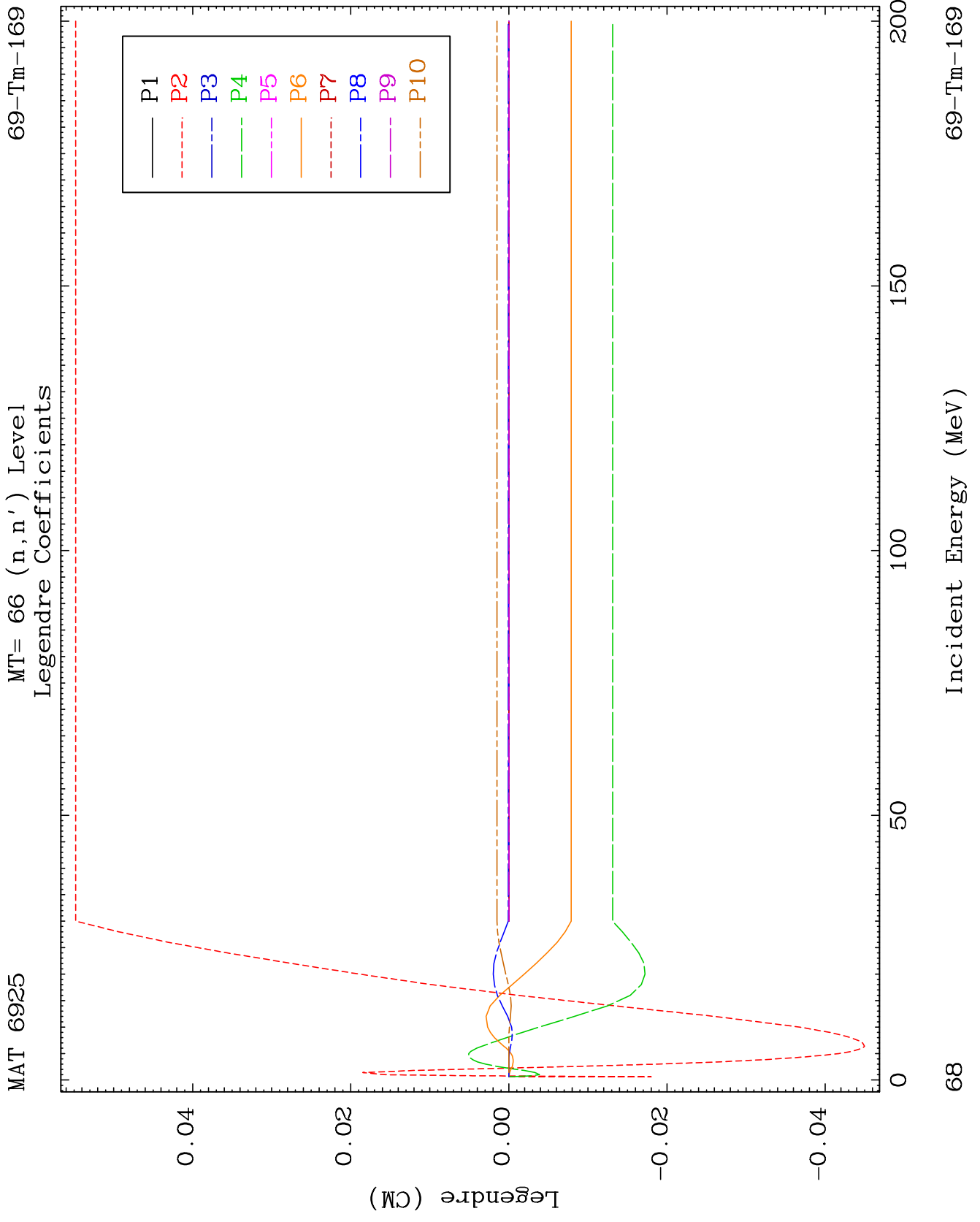
MAT 6925

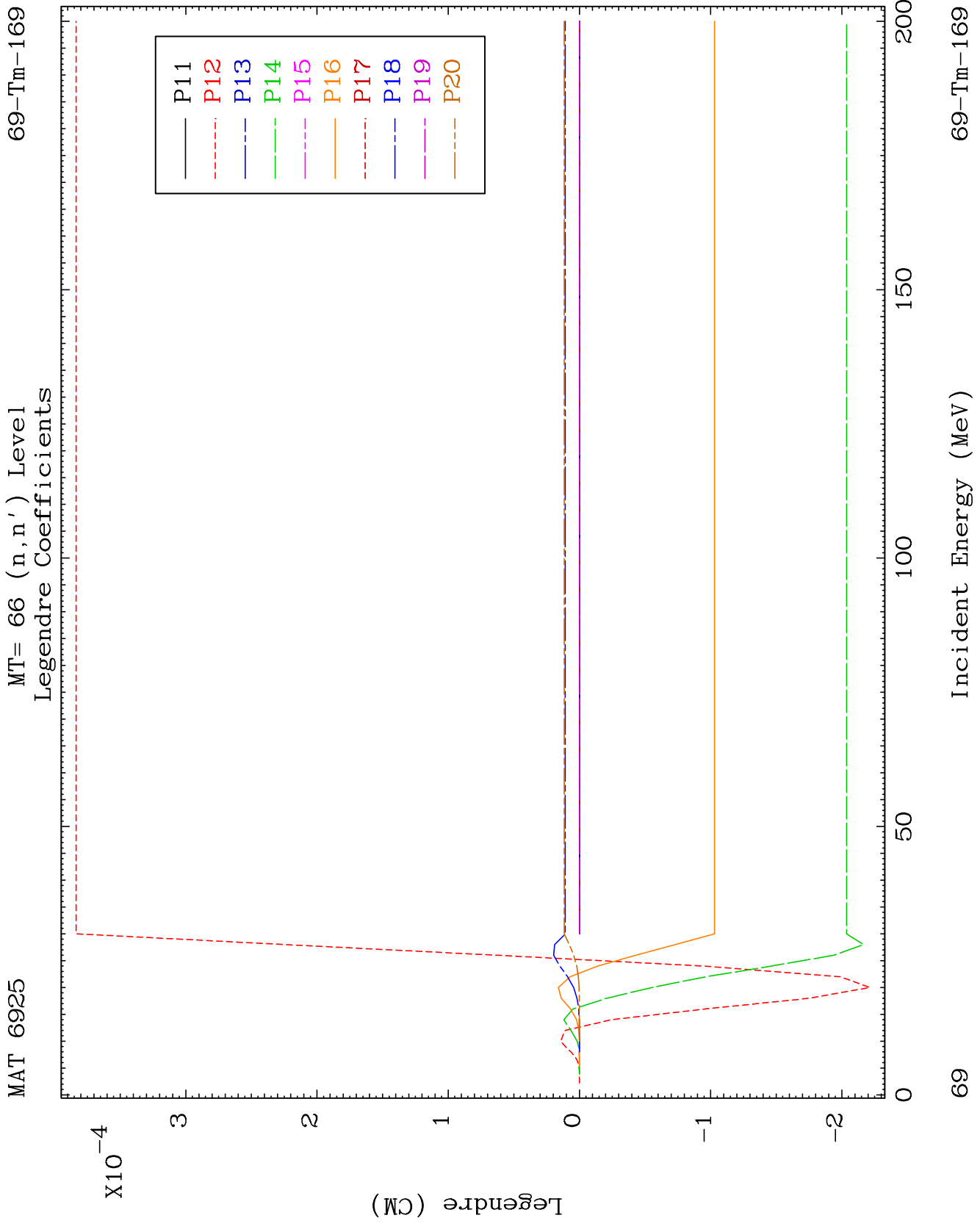
MT= 65 (n,n') Level  
Legendre Coefficients

69-Tm-169







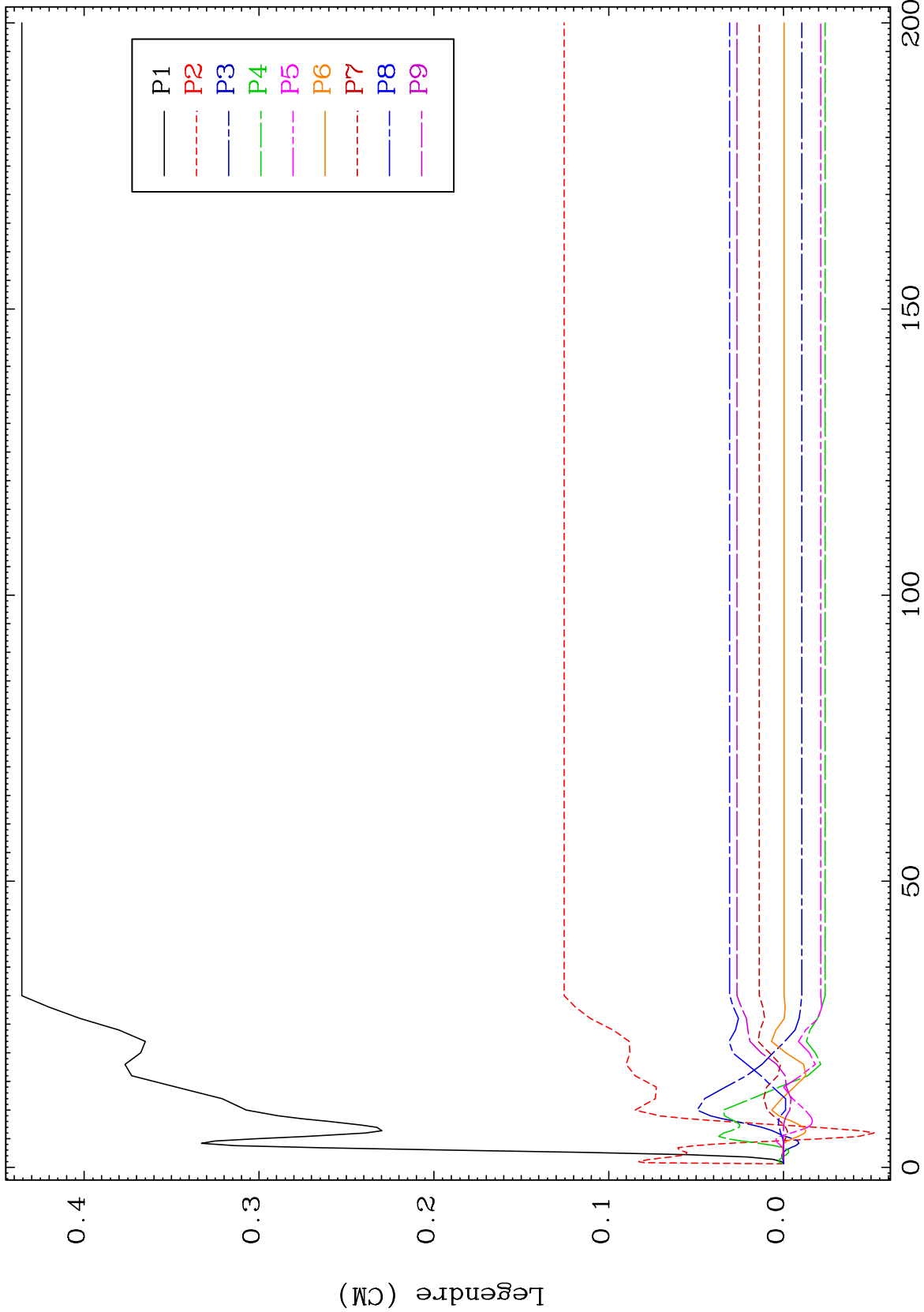




MAT 6925

MT= 67 (n,n') Level  
Legendre Coefficients

69-Tm-169



71

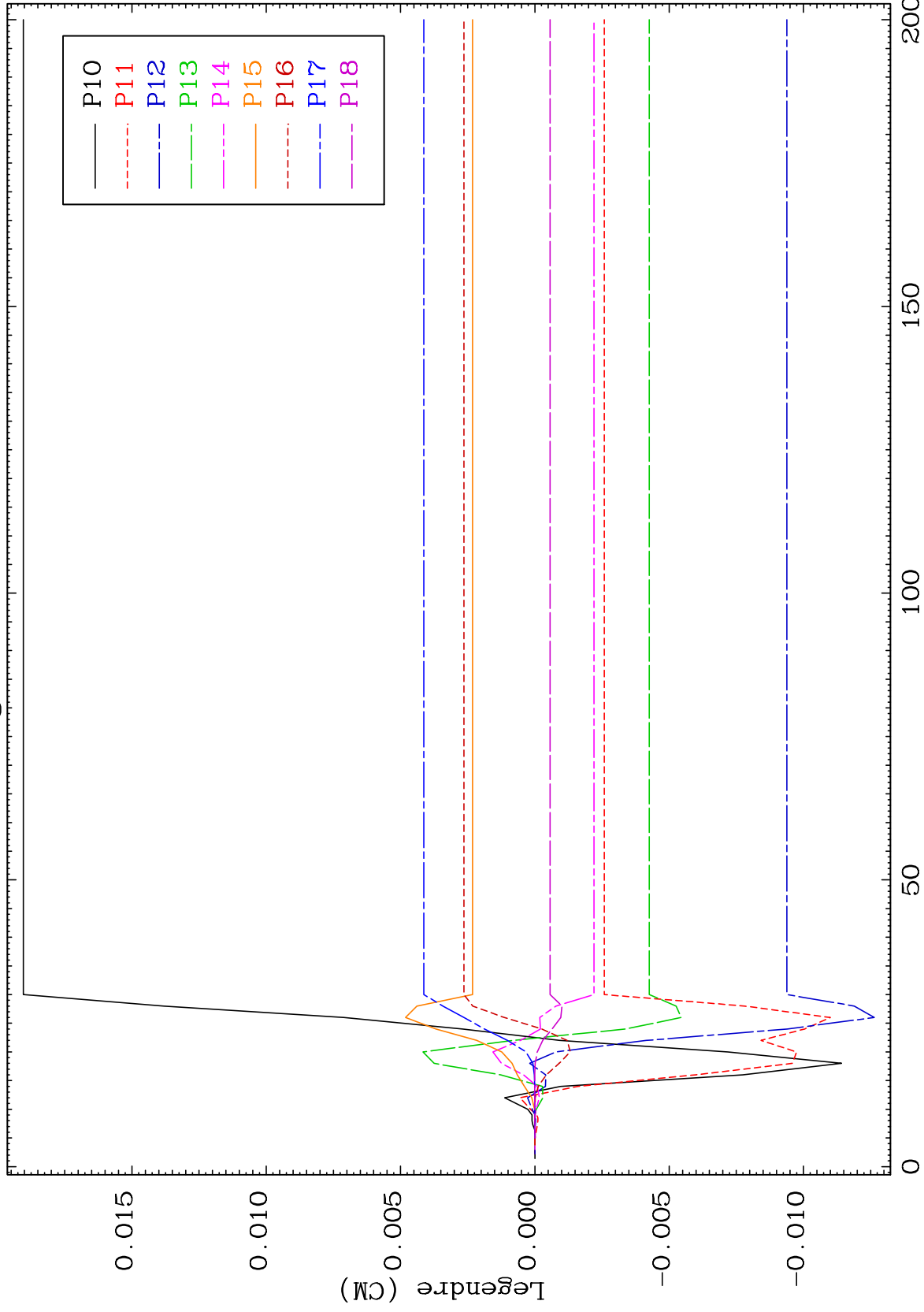
Incident Energy (MeV)

69-Tm-169

MAT 6925

MT= 67 (n,n') Level  
Legendre Coefficients

69-Tm-169



72

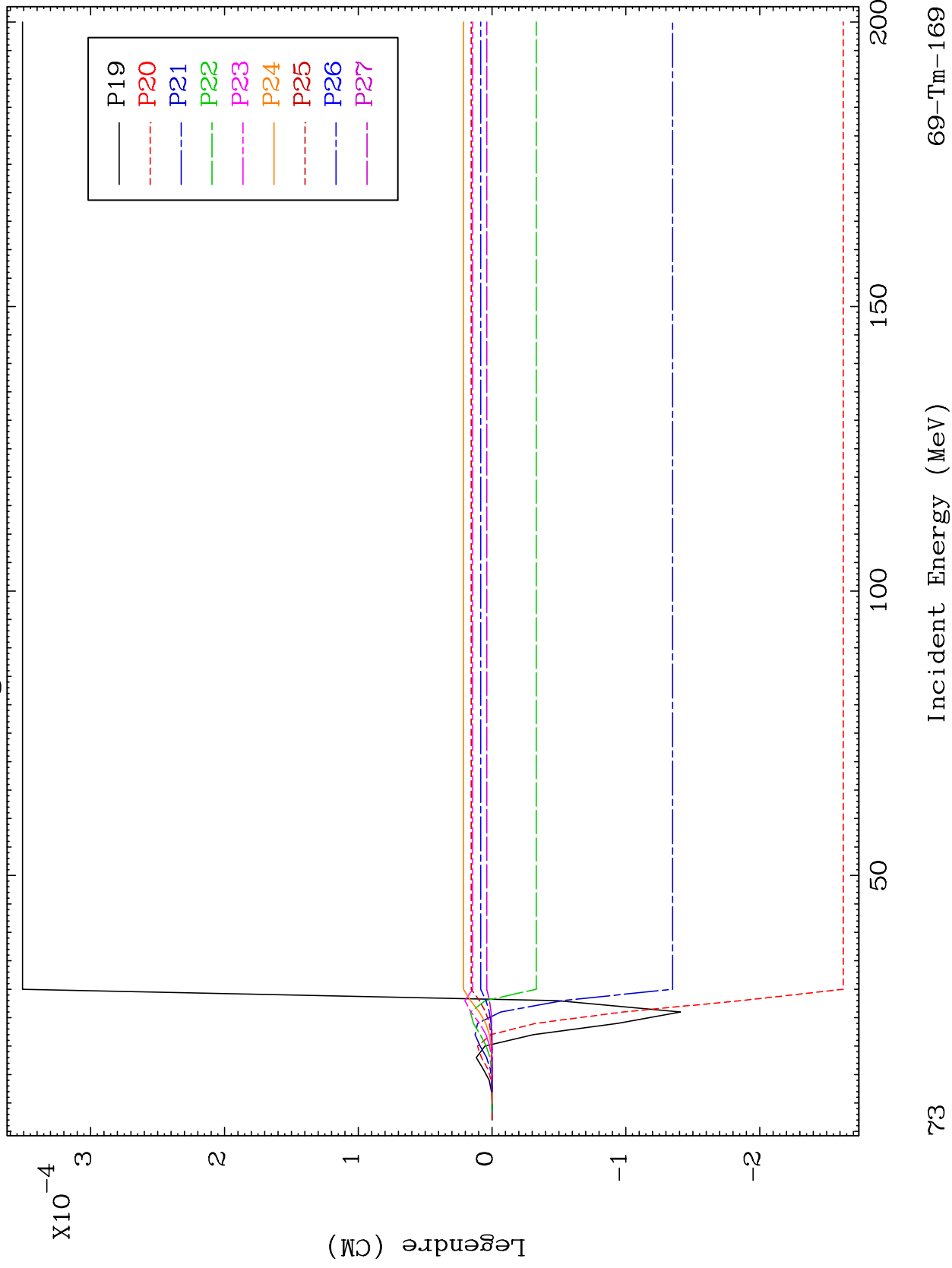
Incident Energy (MeV)

69-Tm-169

MAT 6925

MT= 67 (n,n') Level  
Legendre Coefficients

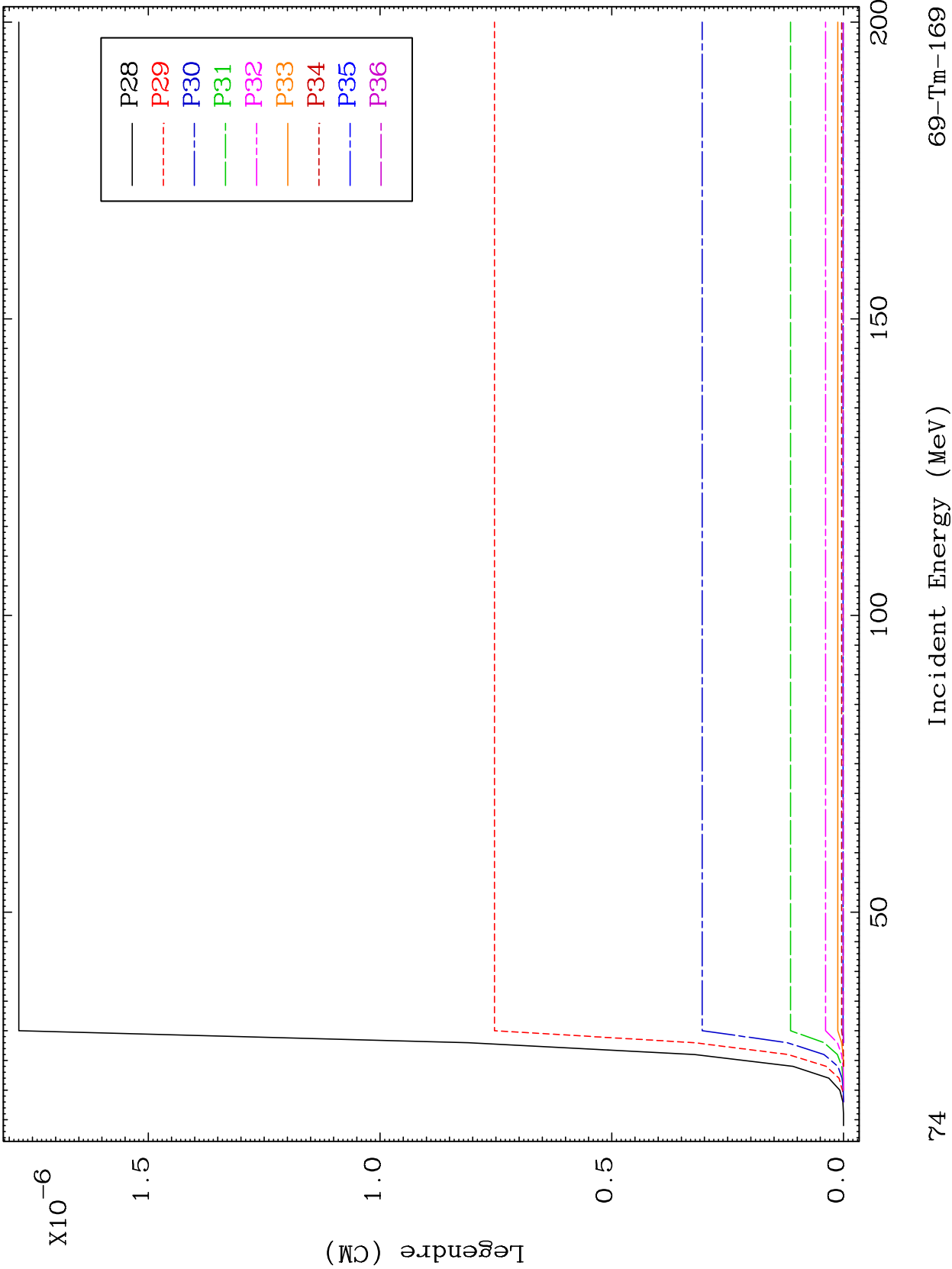
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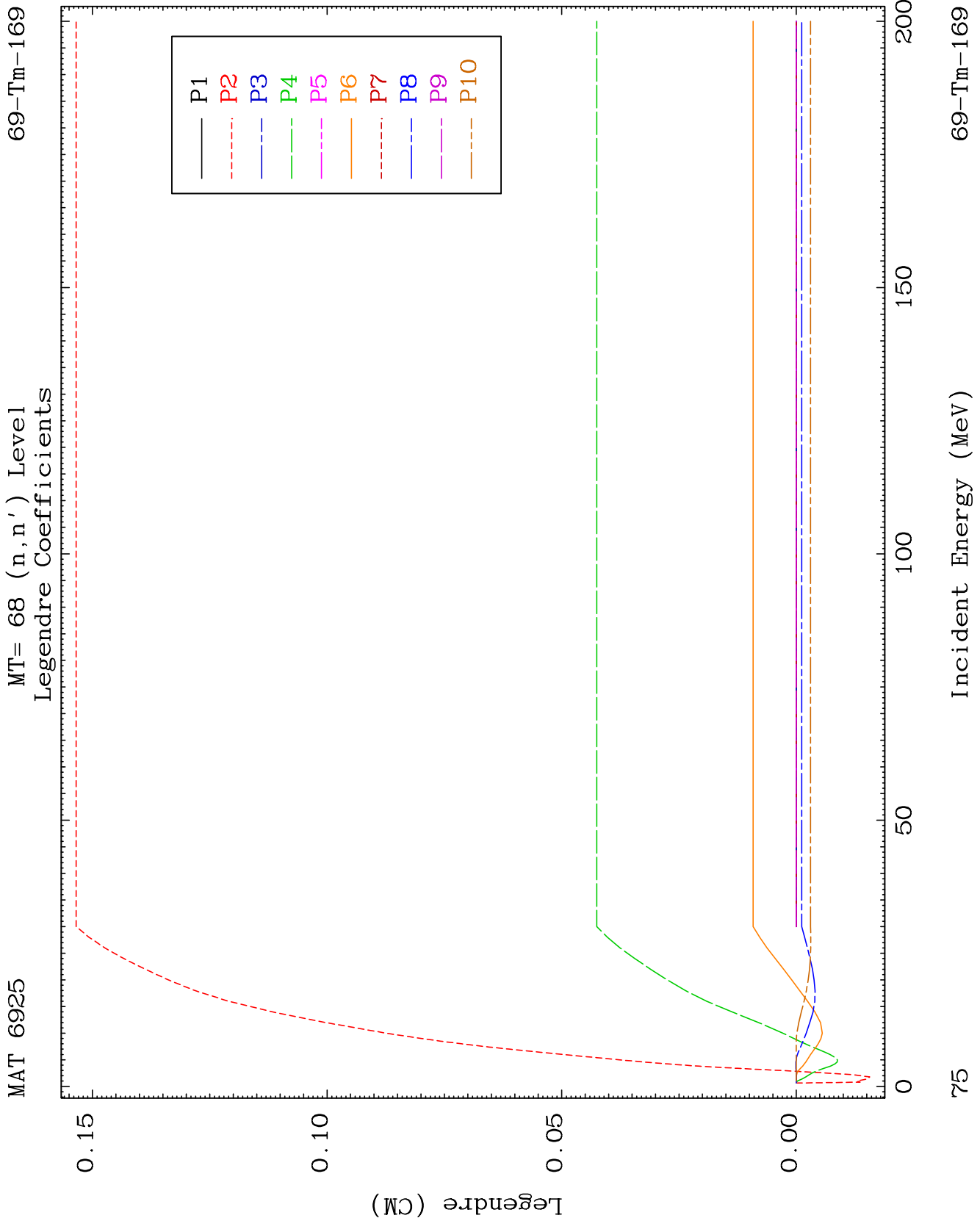


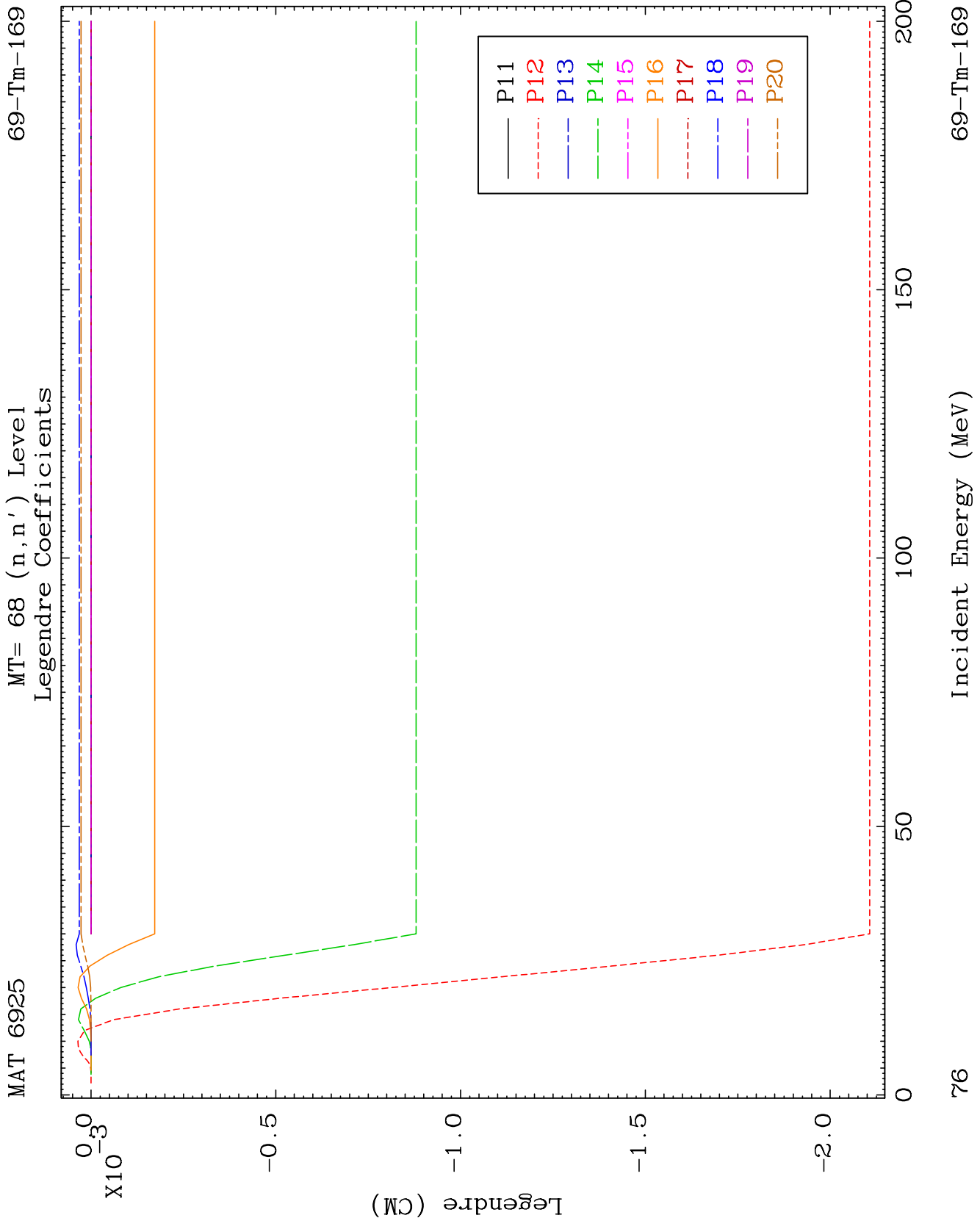
MAT 6925

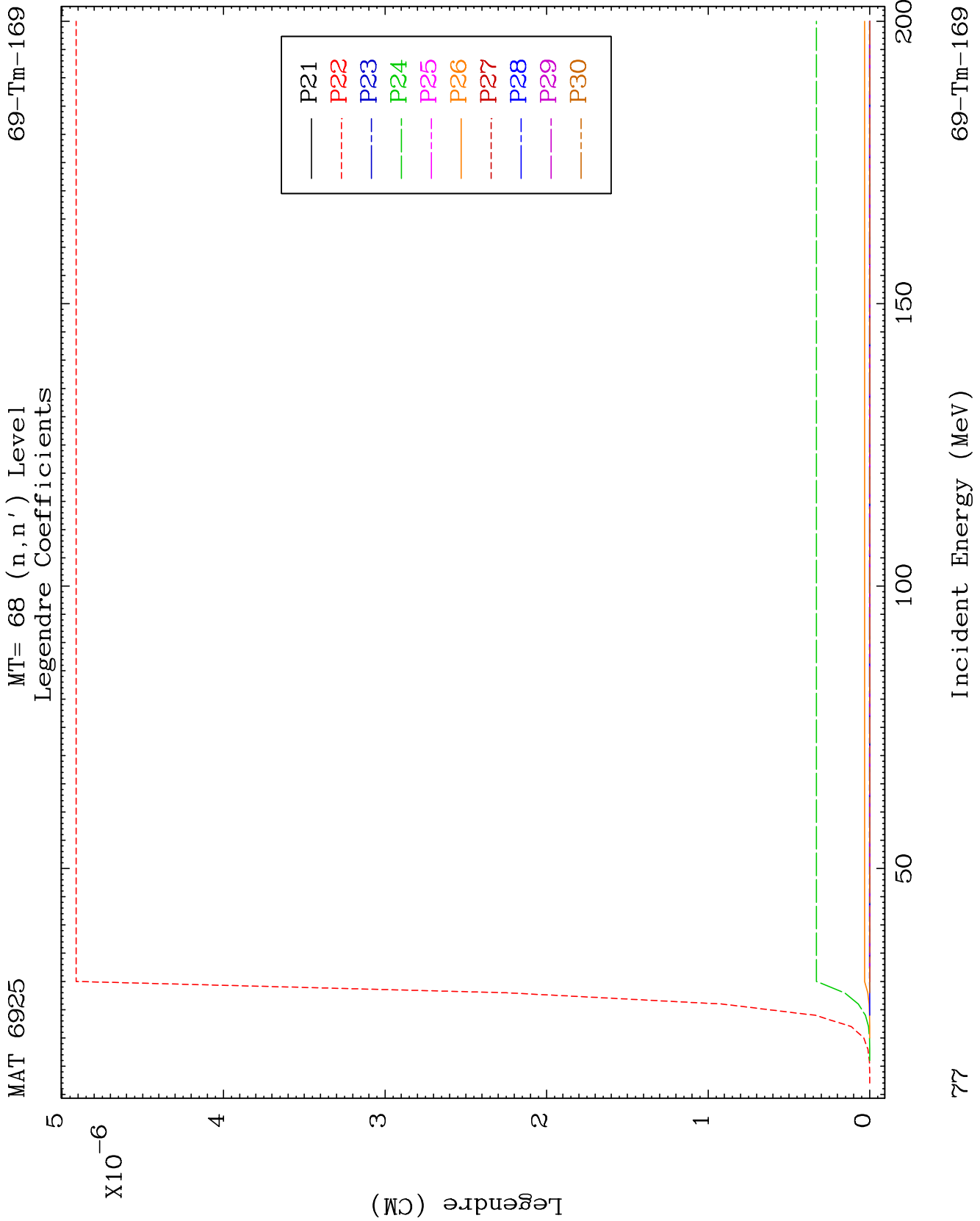
MT= 67 (n,n') Level  
Legendre Coefficients

69-Tm-169





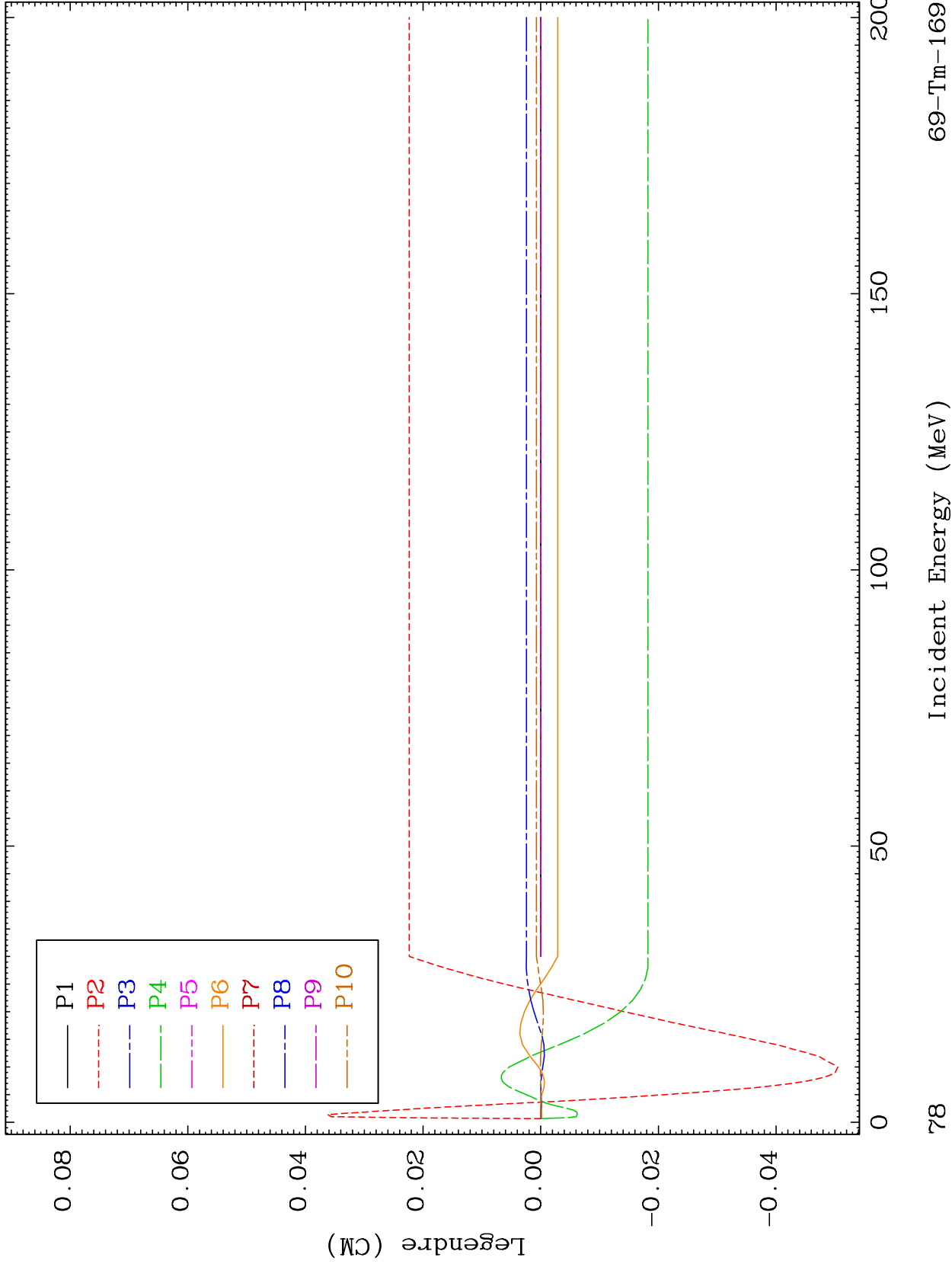




MAT 6925

MT= 69 (n,n') Level  
Legendre Coefficients

69-Tm-169



78

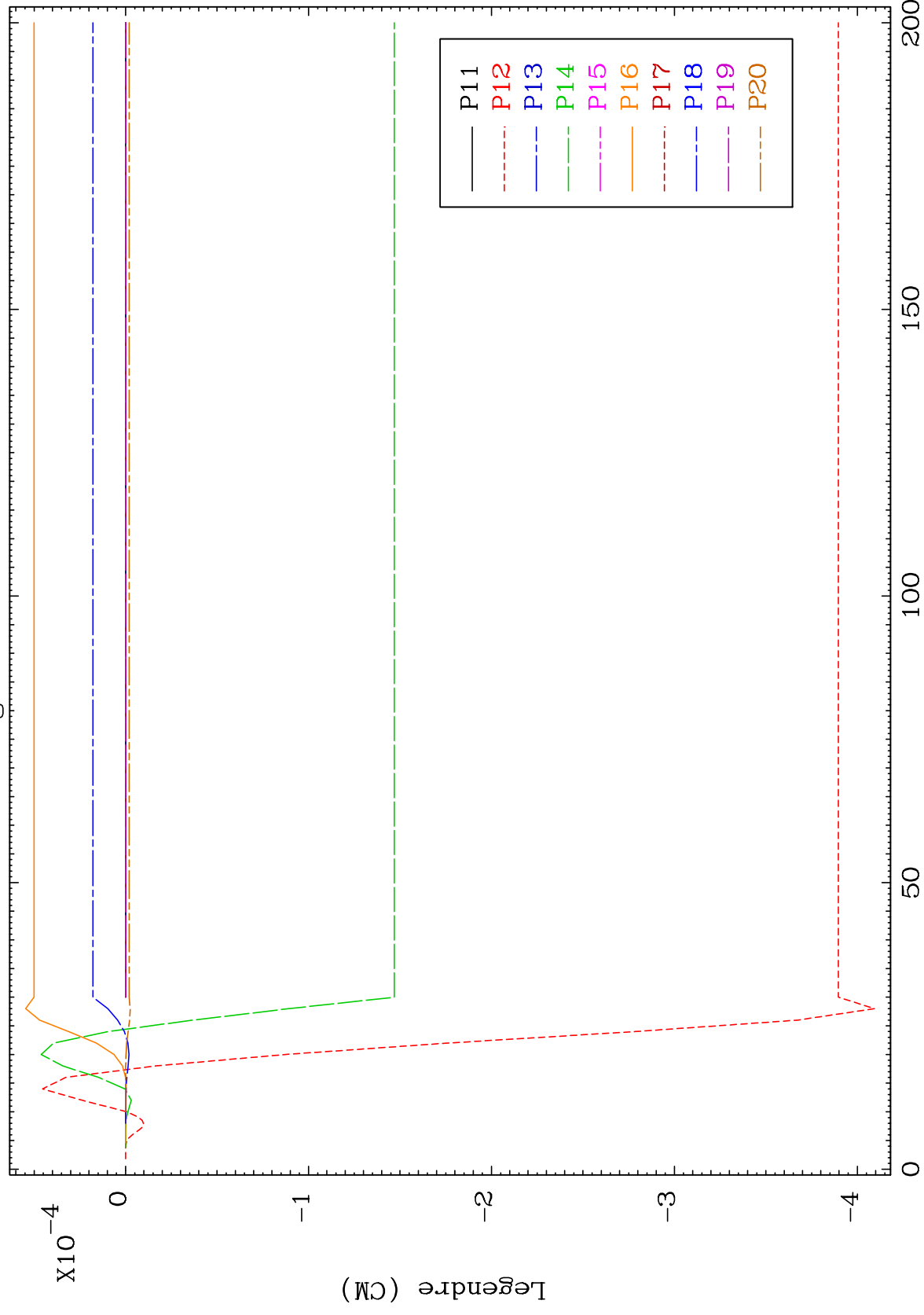
Incident Energy (MeV)

69-Tm-169

MAT 6925

MT= 69 (n,n') Level  
Legendre Coefficients

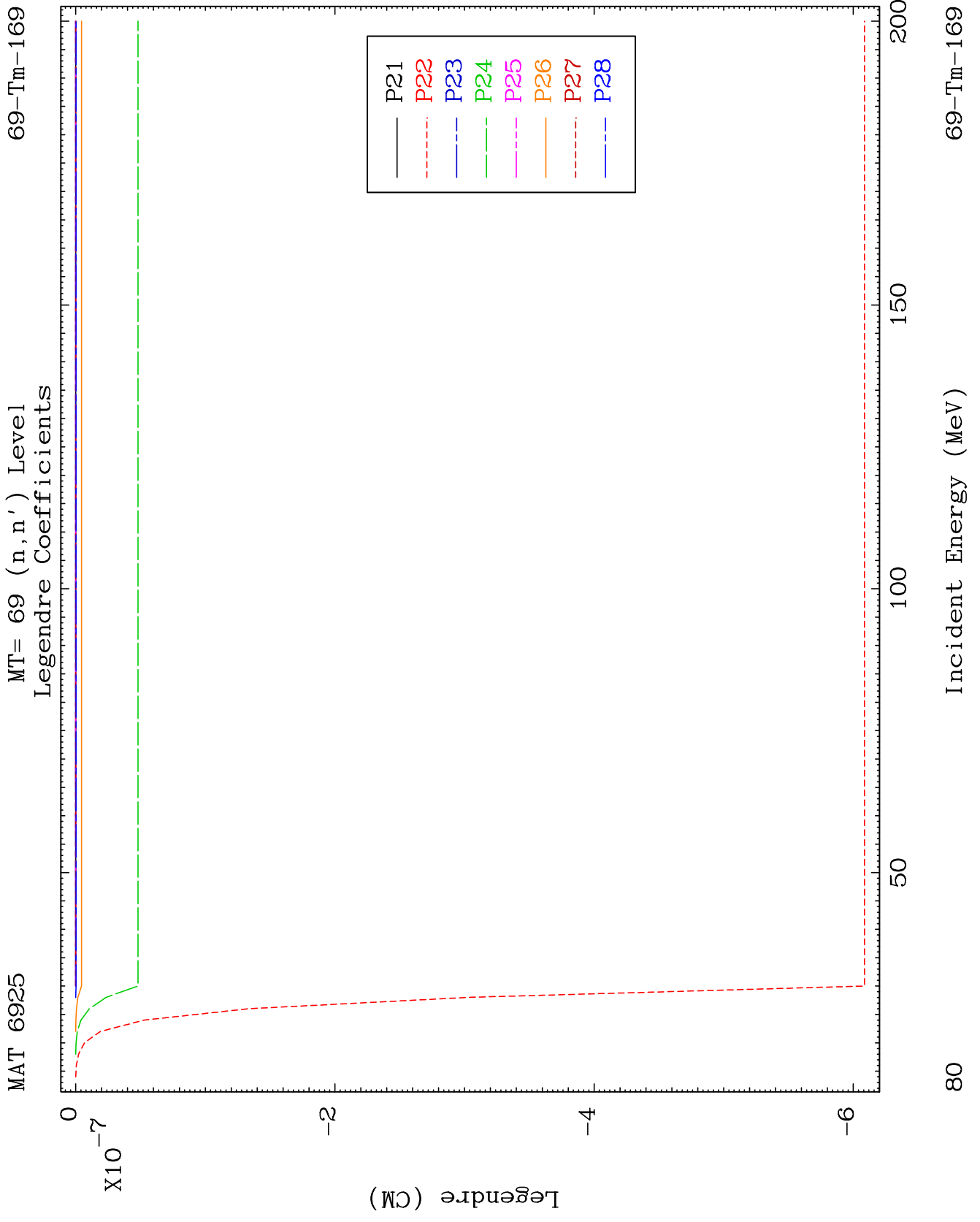
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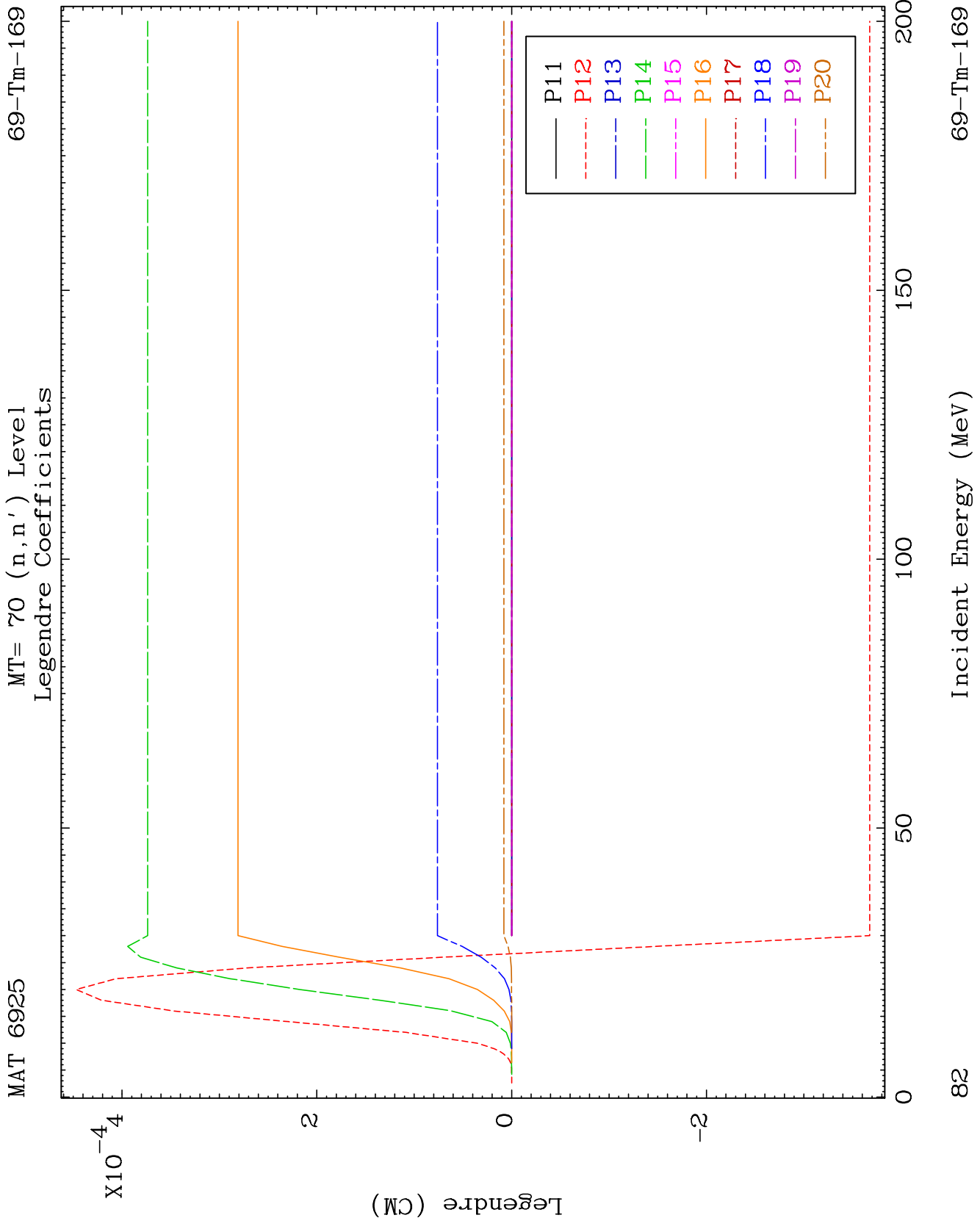
79

Incident Energy (MeV)

69-Tm-169



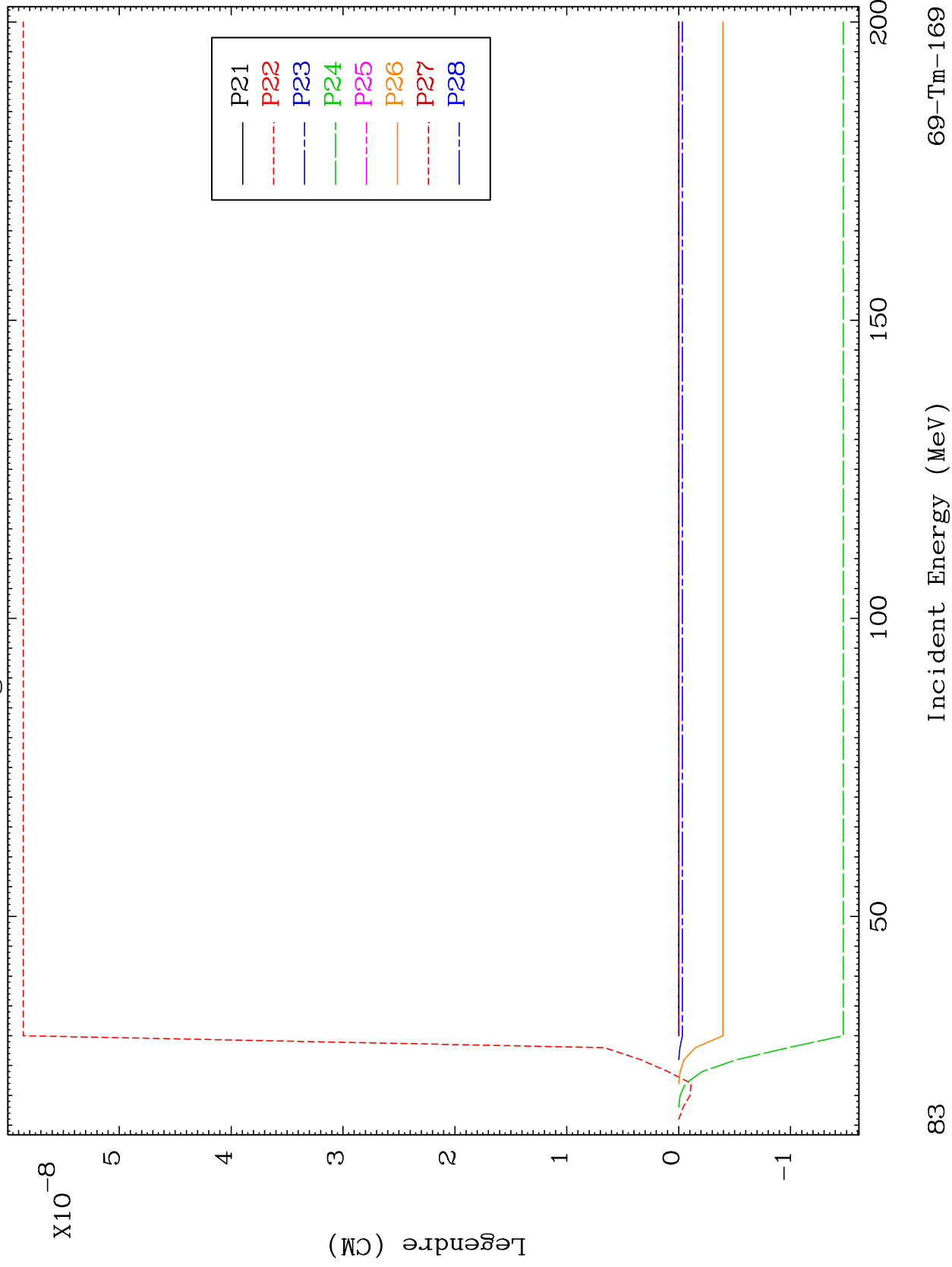




MAT 6925

MT= 70 (n,n') Level  
Legendre Coefficients

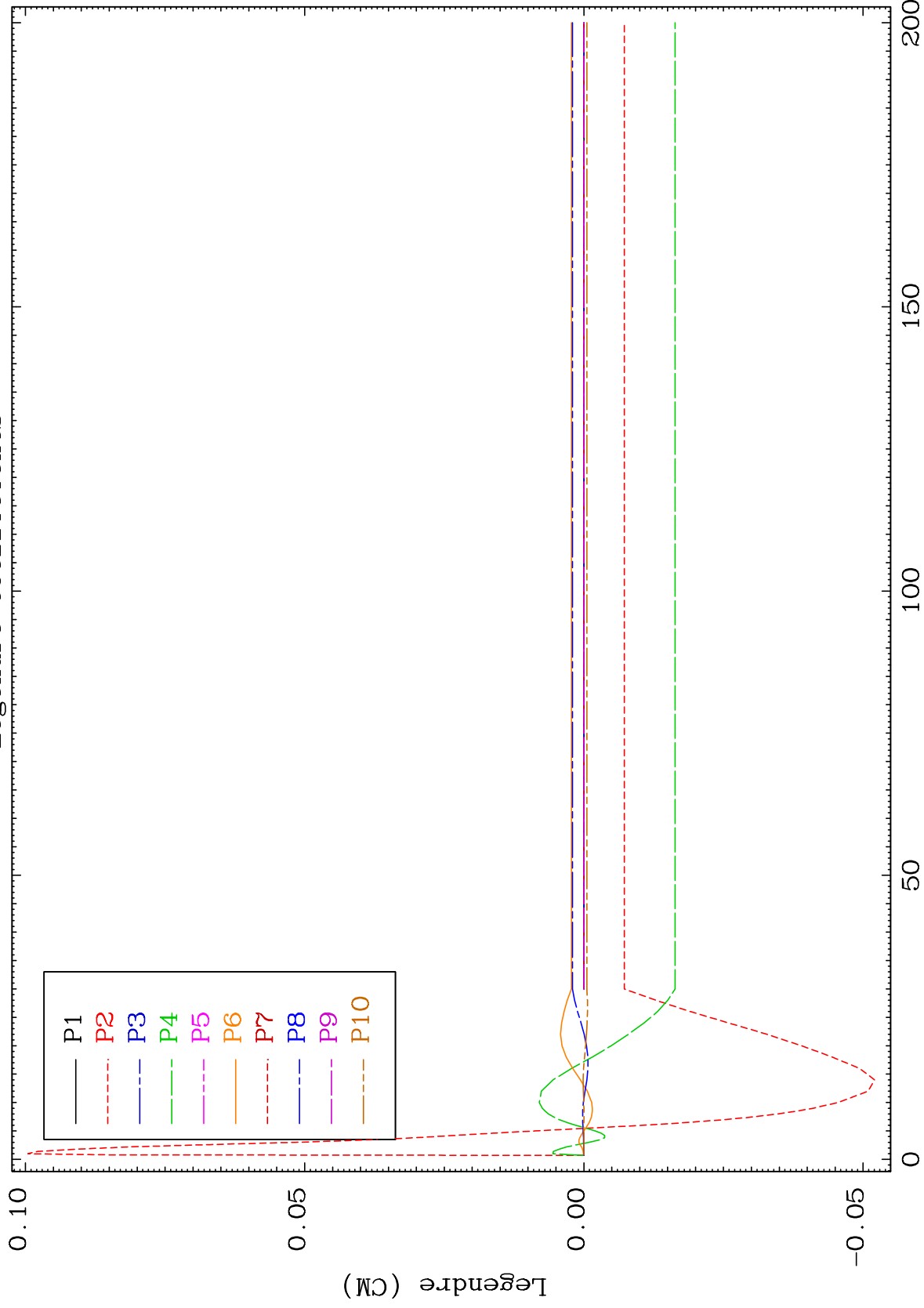
69-Tm-169



MAT 6925

MT= 71 (n,n') Level  
Legendre Coefficients

69-Tm-169



84

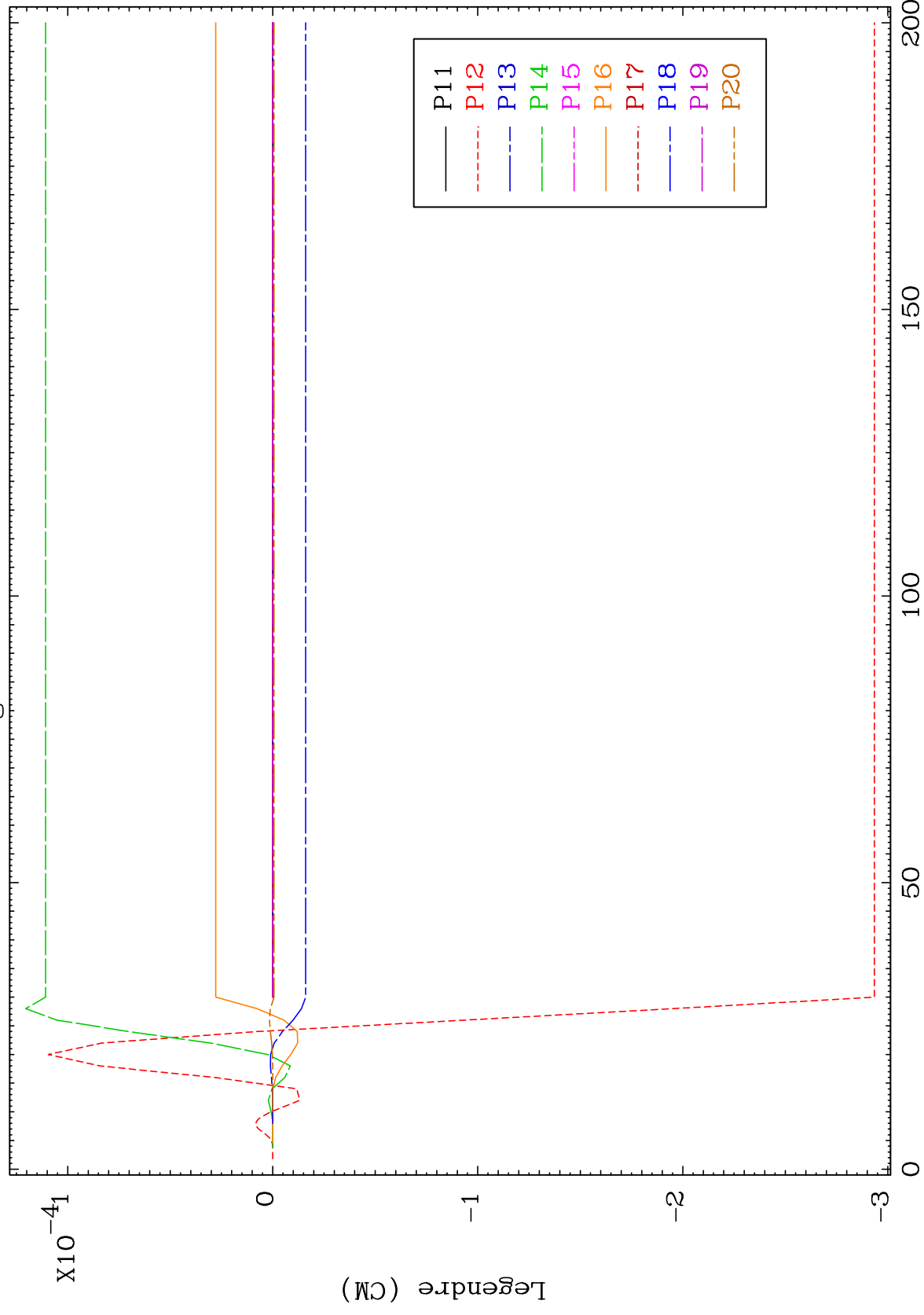
Incident Energy (MeV)

69-Tm-169

MAT 6925

MT= 71 (n,n') Level  
Legendre Coefficients

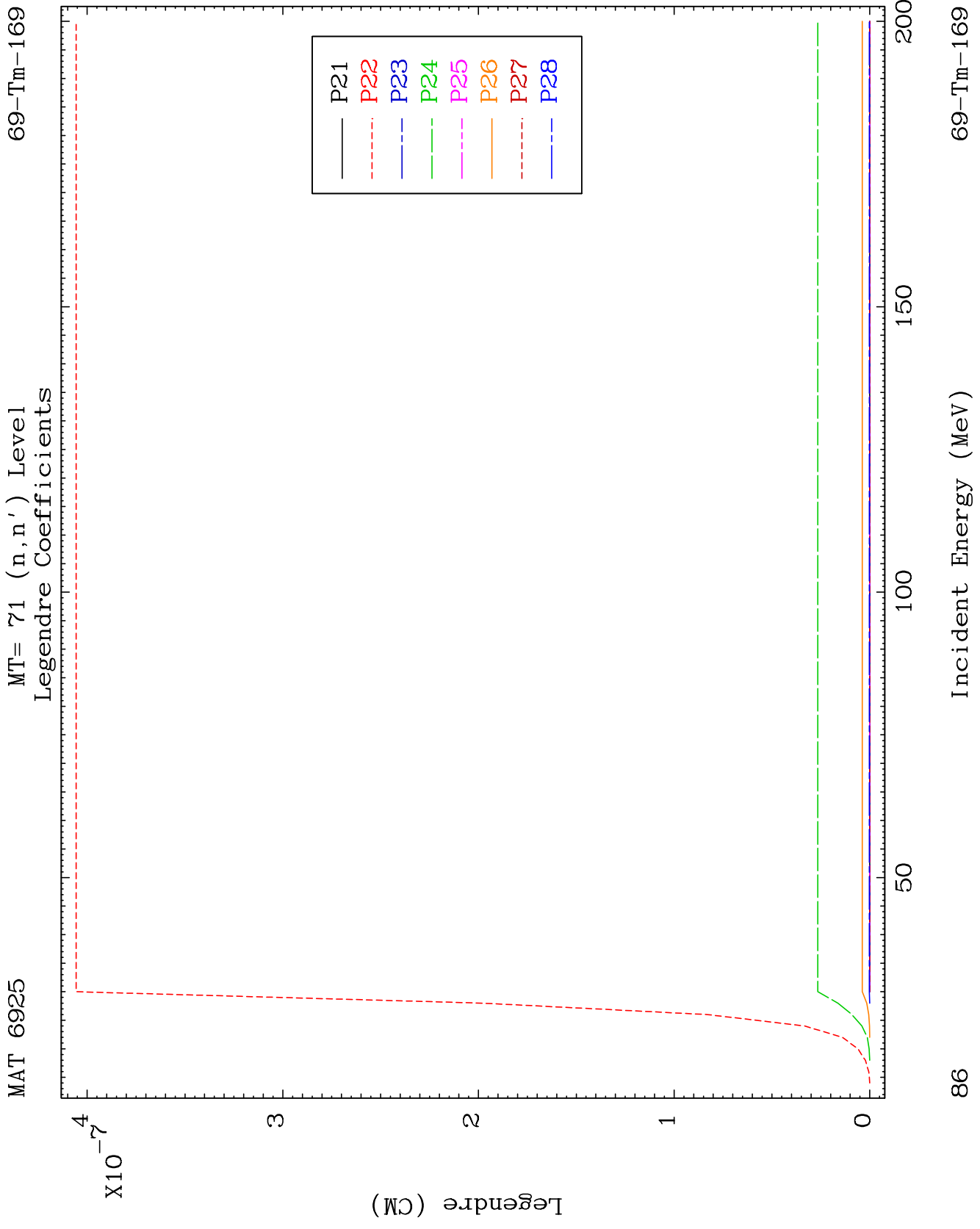
69-Tm-169

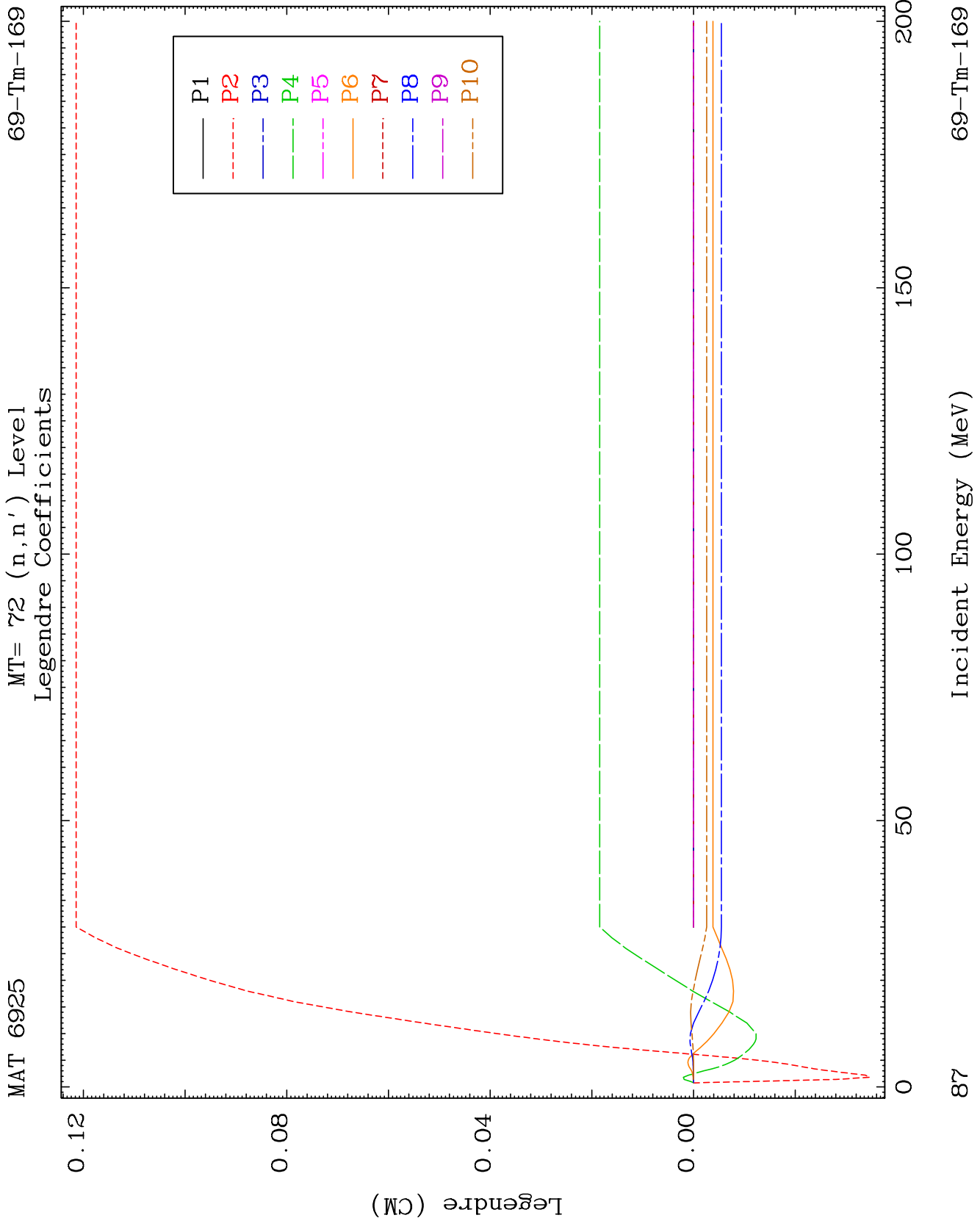


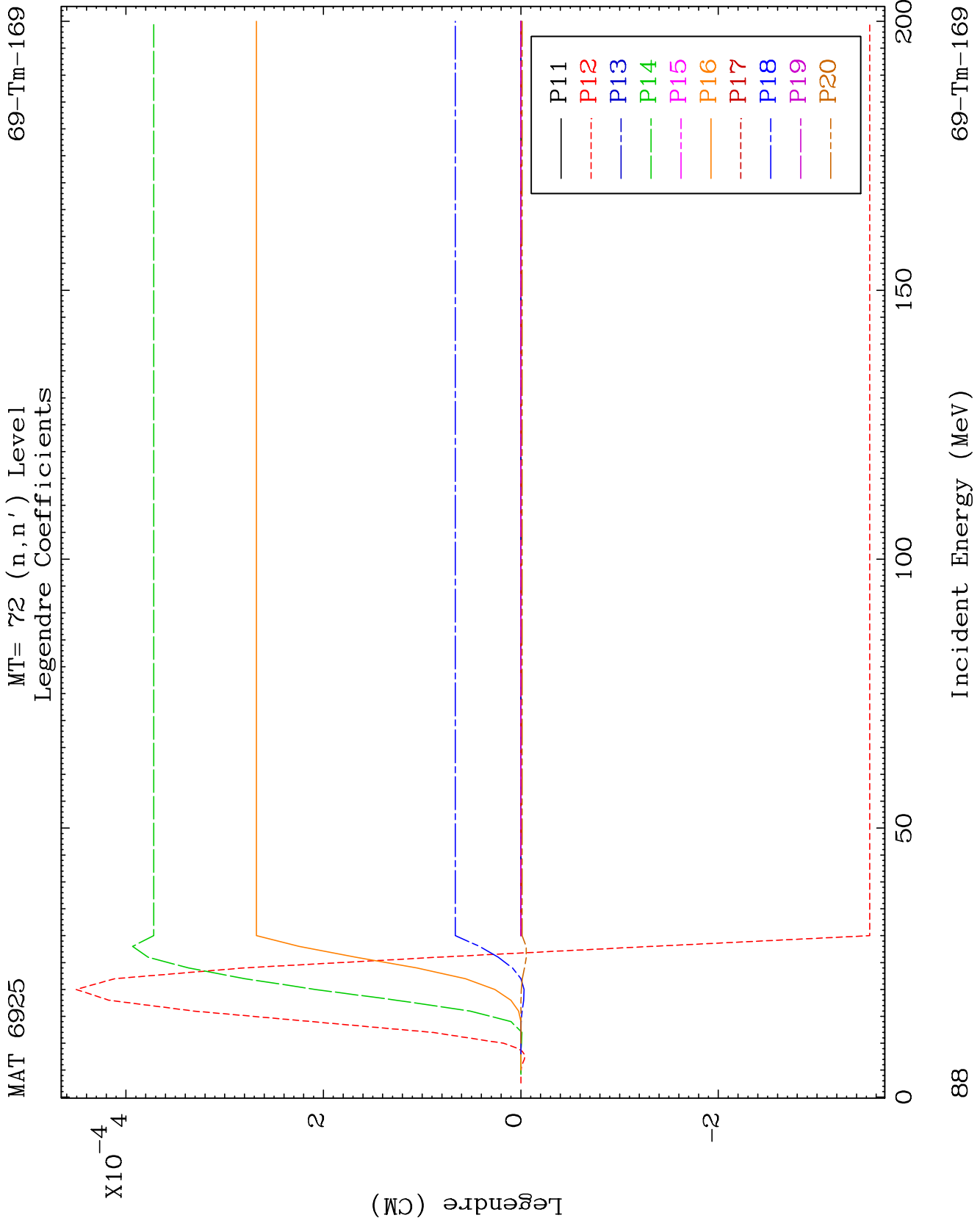
85

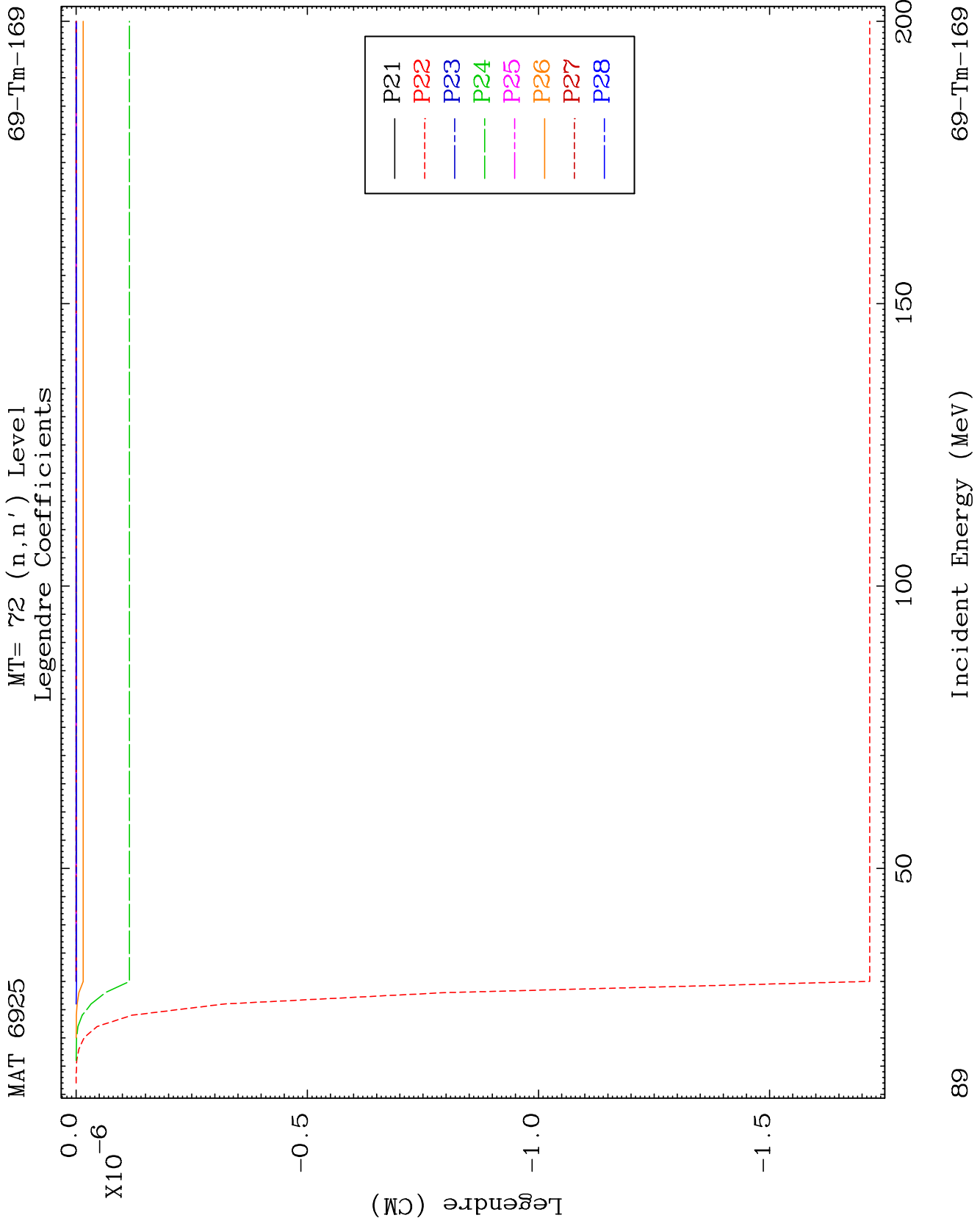
Incident Energy (MeV)

69-Tm-169







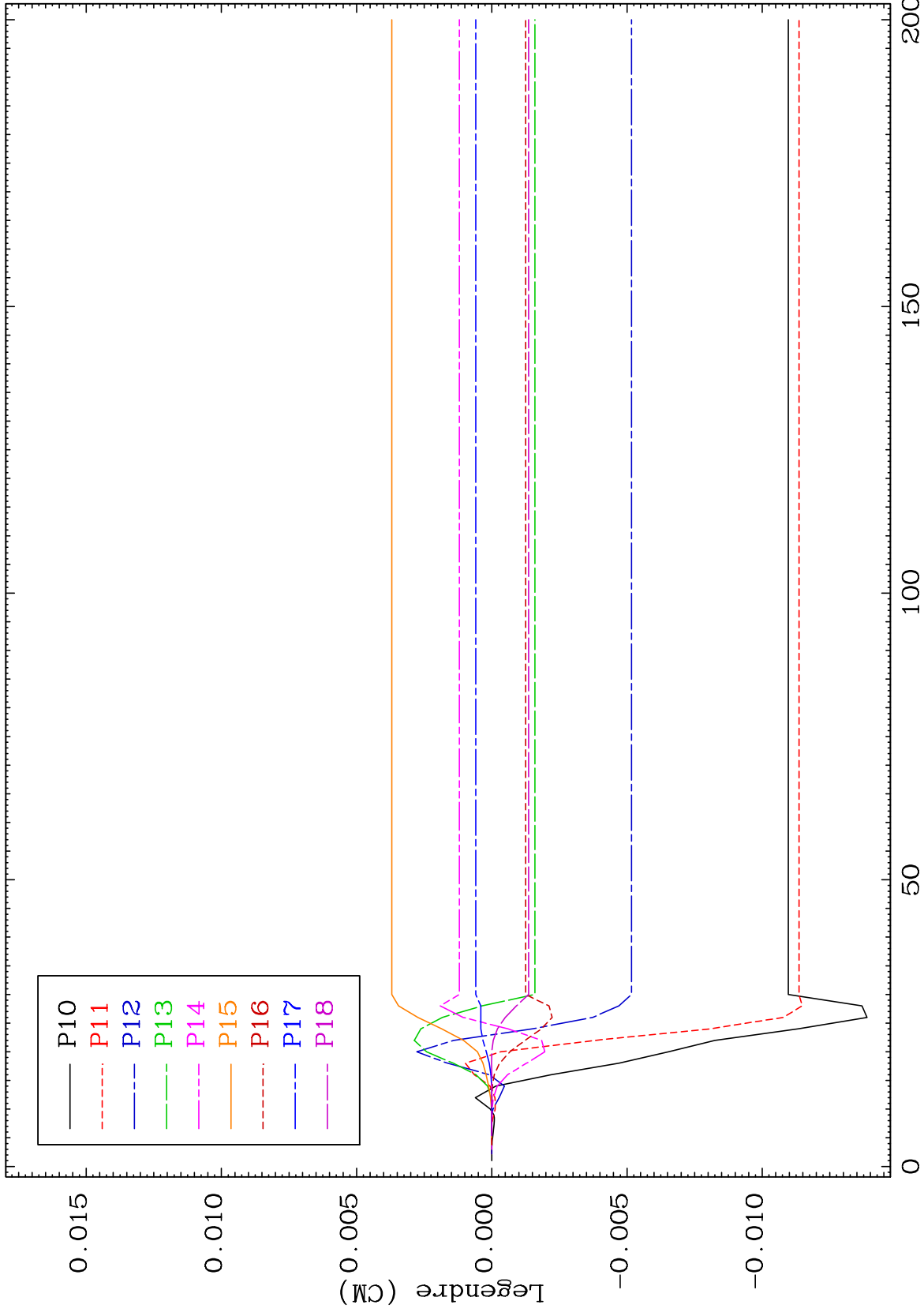




MAT 6925

MT= 73 (n,n') Level  
Legendre Coefficients

69-Tm-169



91

Incident Energy (MeV)

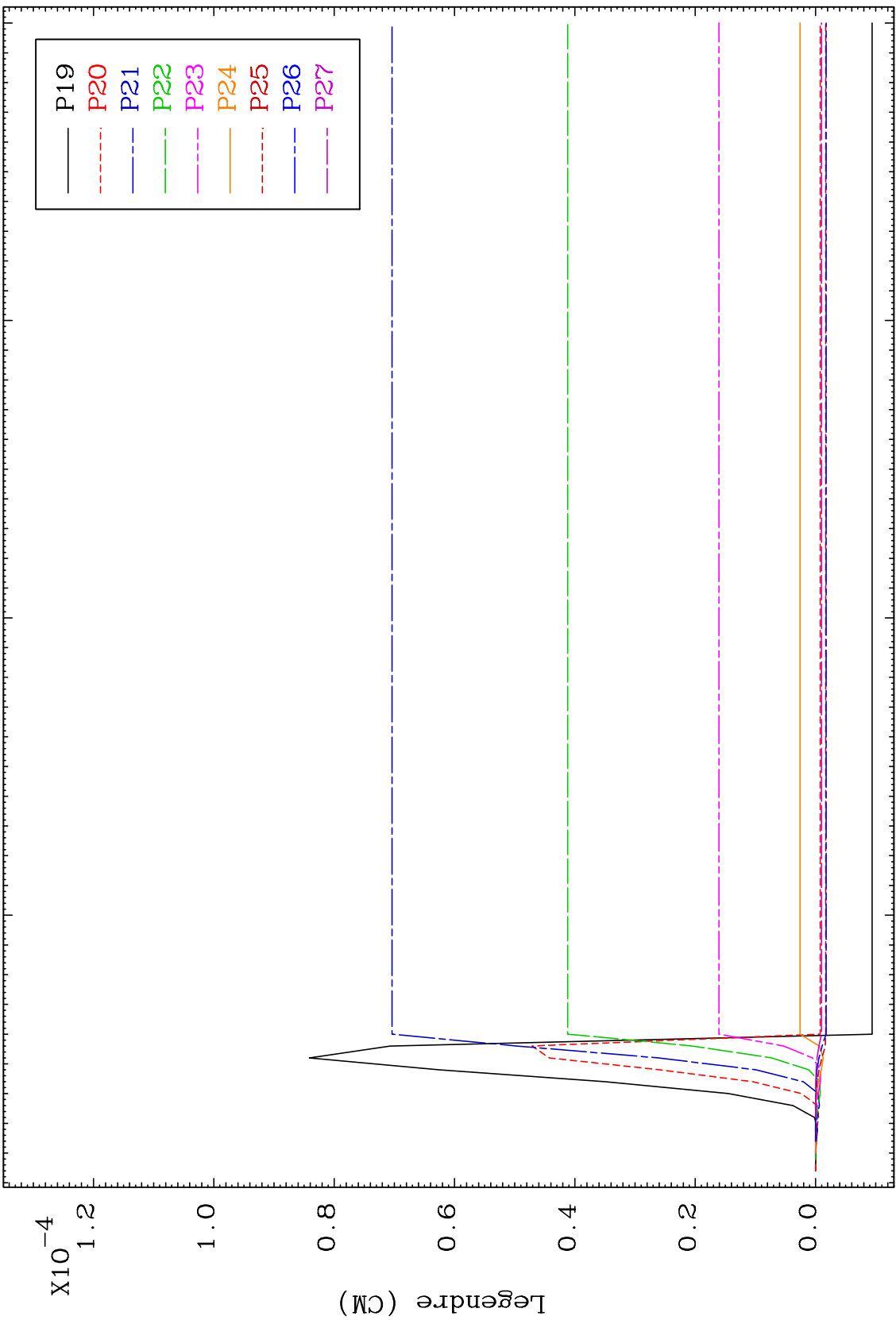
69-Tm-169

MAT 6925

MT= 73 (n,n') Level  
Legendre Coefficients

69-Tm-169

$\times 10^{-4}$   
1.2  
1.0  
0.8  
0.6  
0.4  
0.2  
0.0



200

150

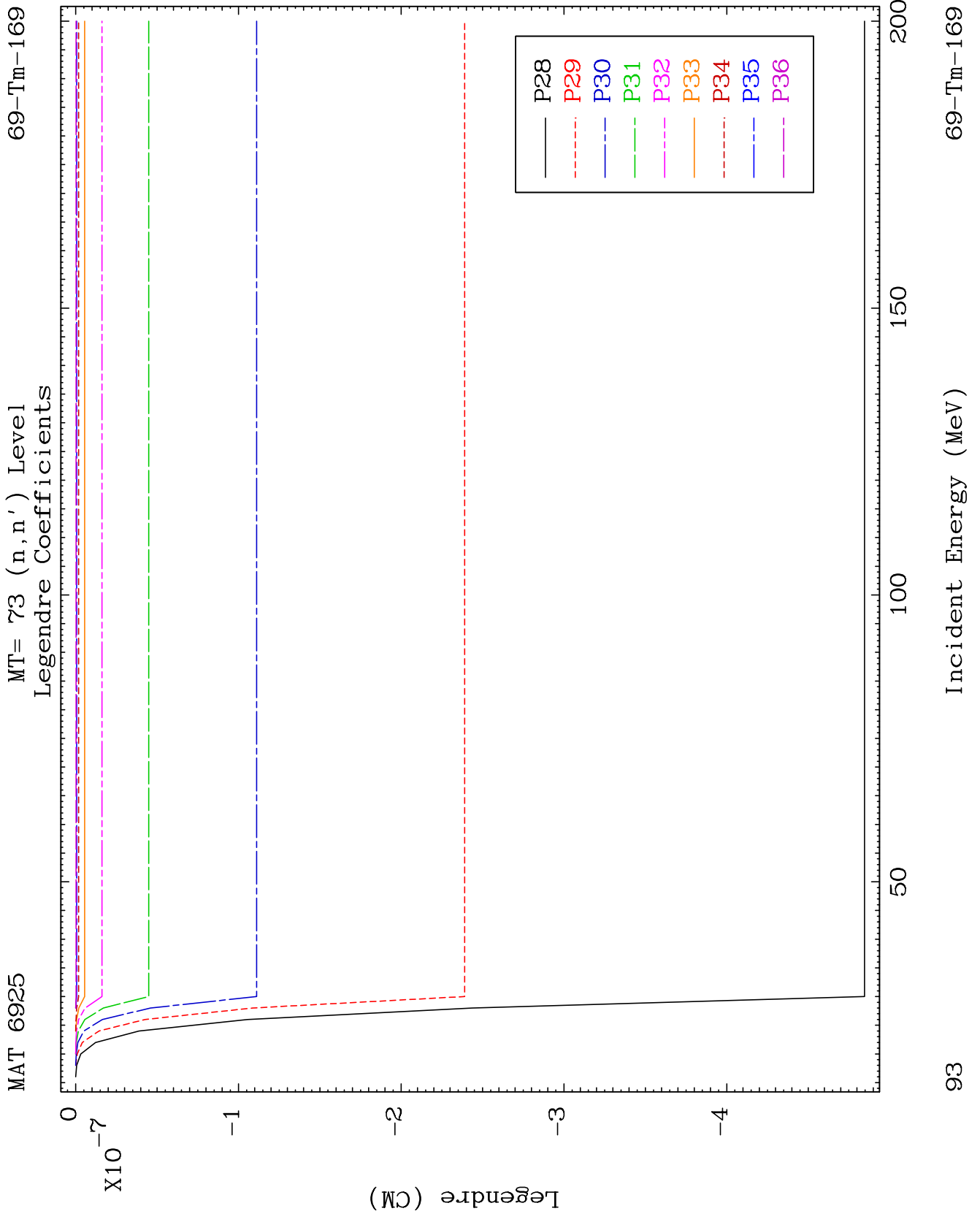
100

50

92

Incident Energy (MeV)

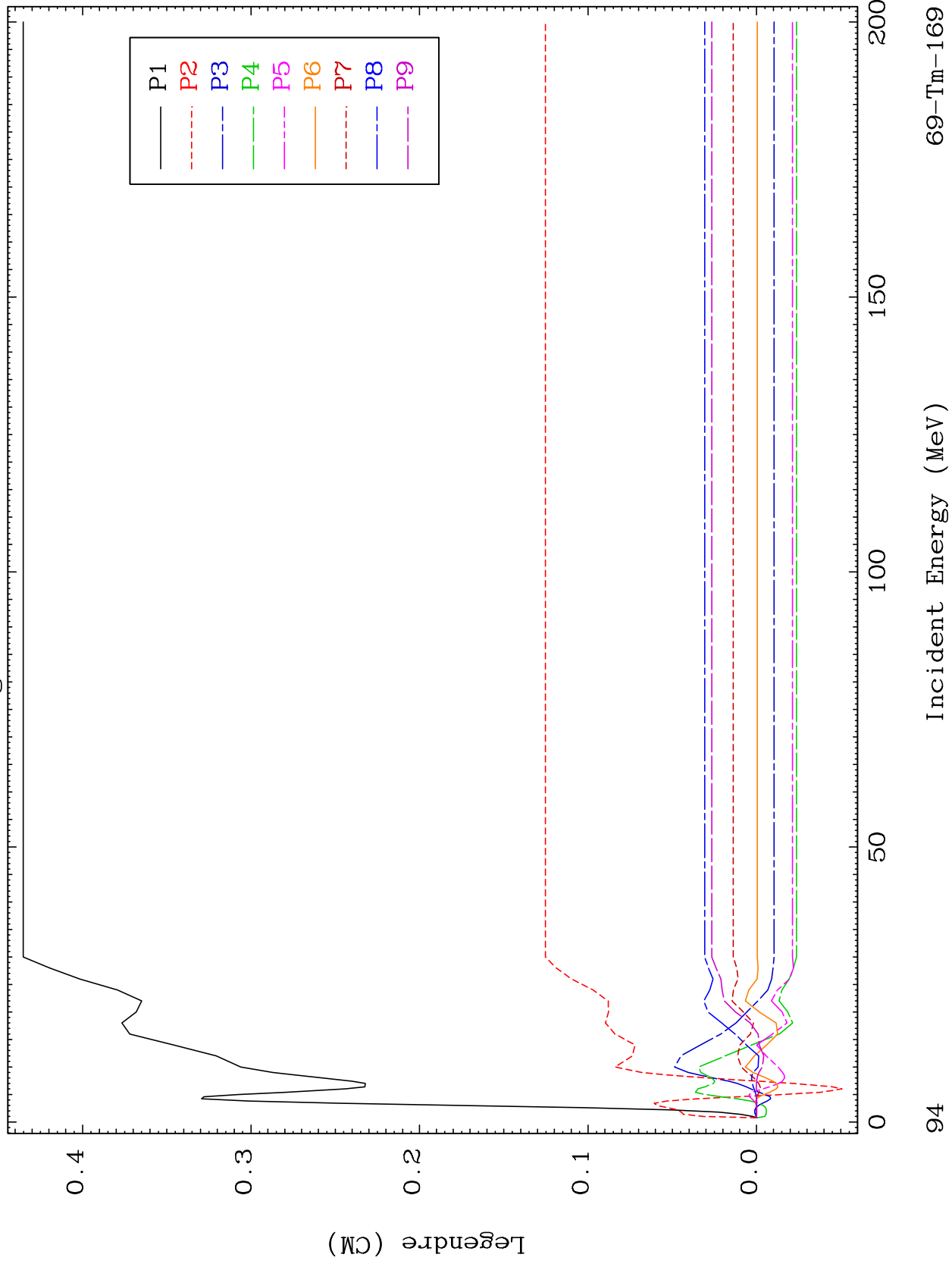
69-Tm-169



MAT 6925

MT= 74 (n,n') Level  
Legendre Coefficients

69-Tm-169



94

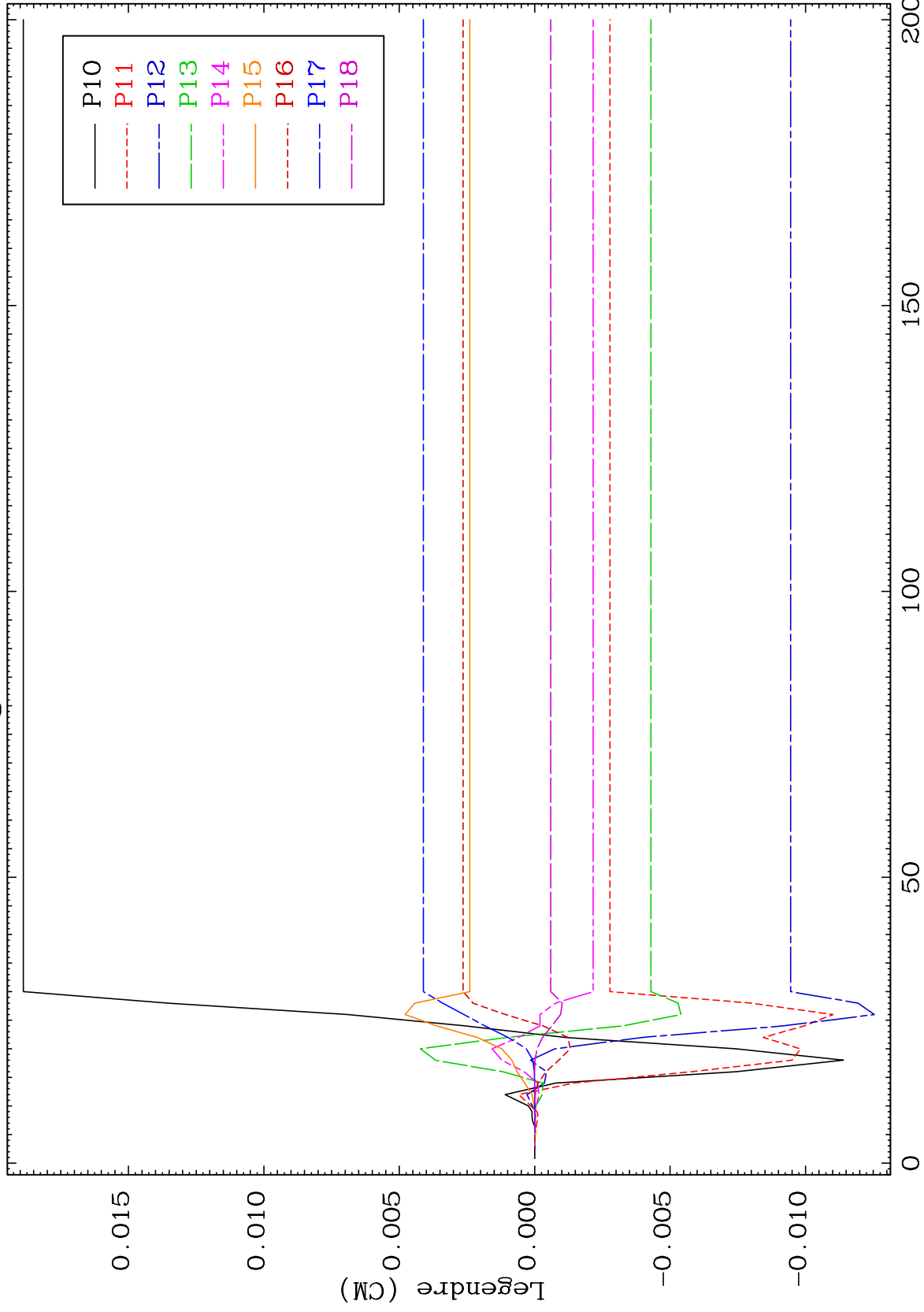
Incident Energy (MeV)

69-Tm-169

MAT 6925

MT= 74 (n,n') Level  
Legendre Coefficients

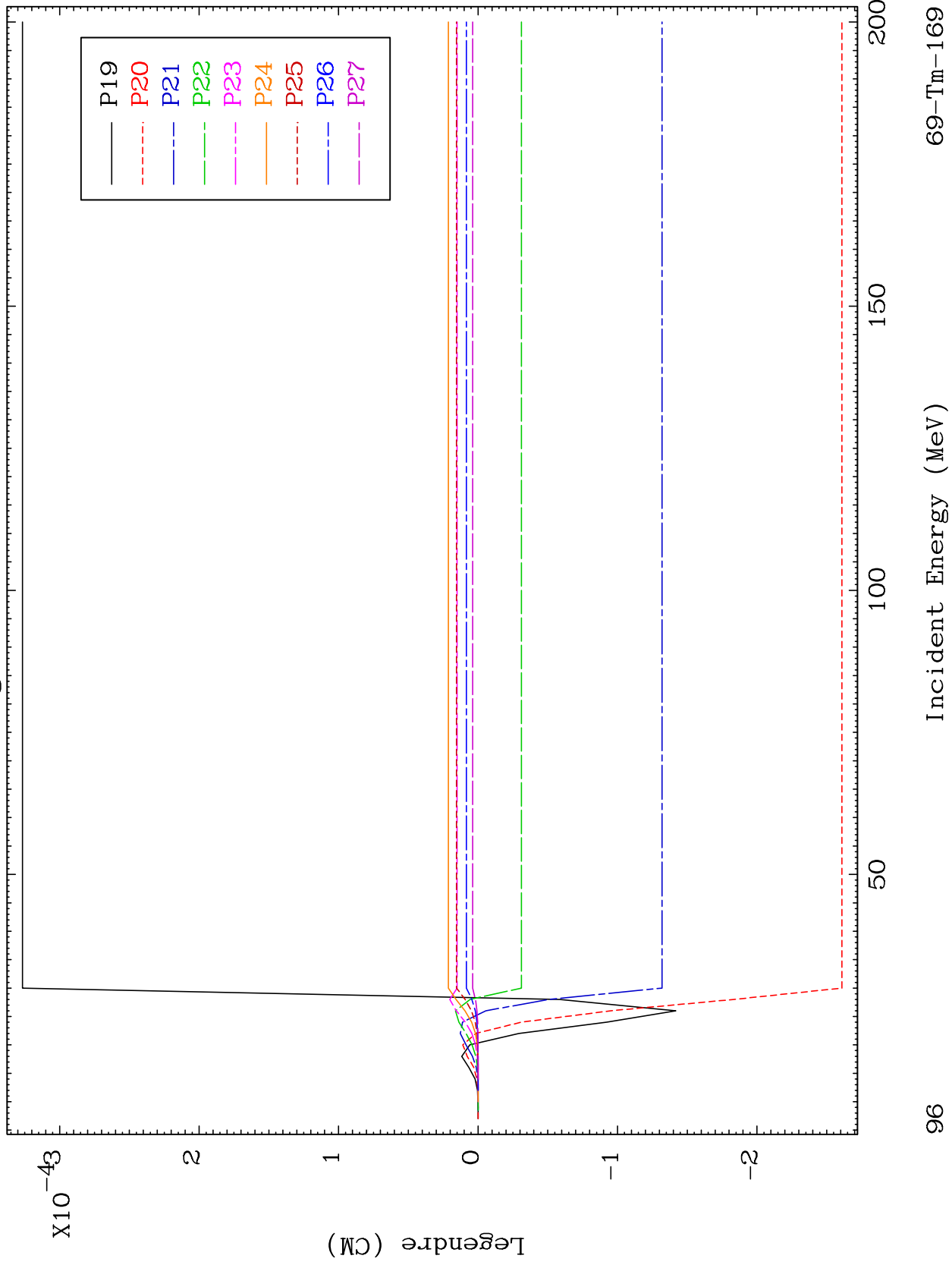
69-Tm-169



95

Incident Energy (MeV)

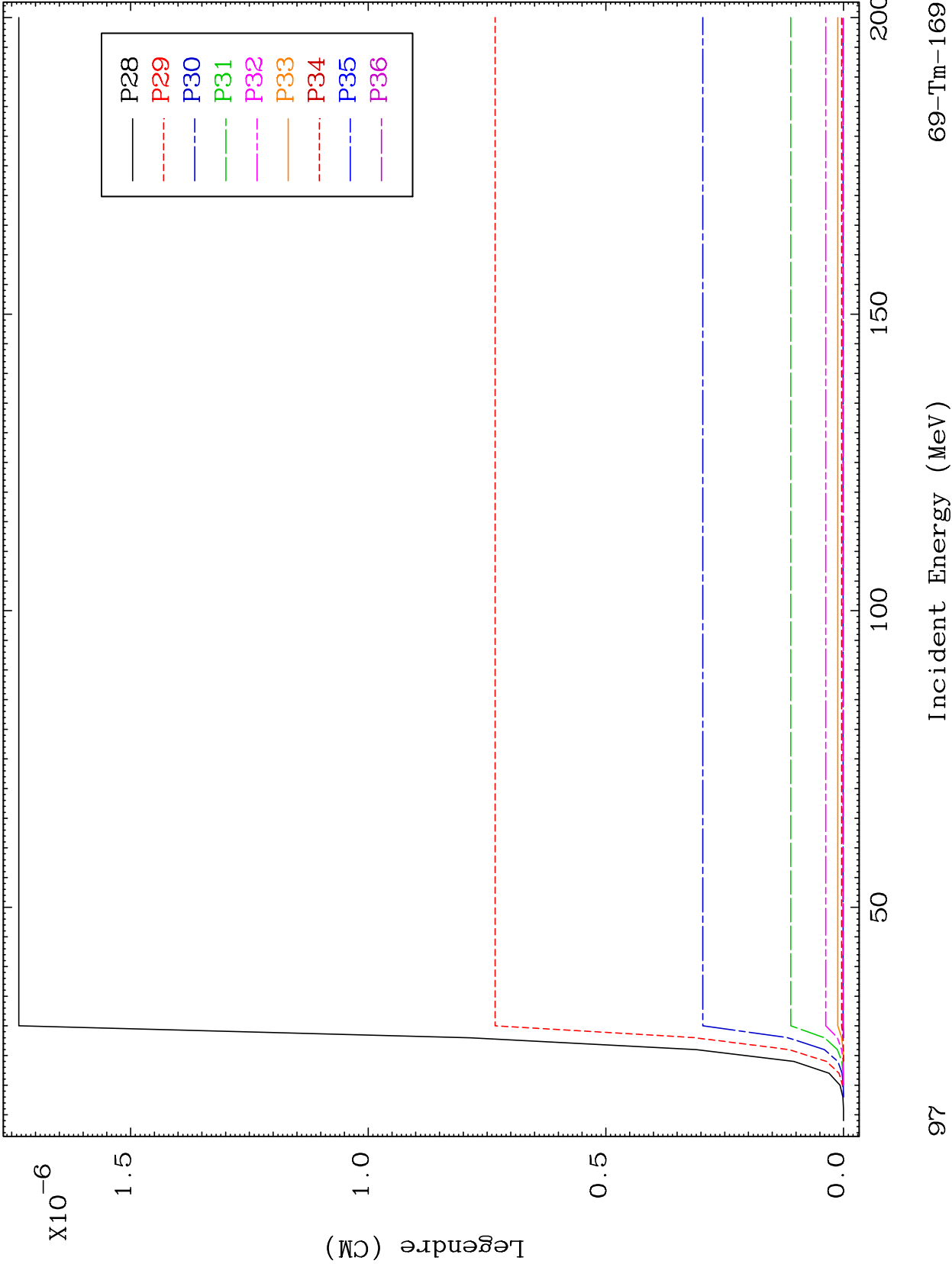
69-Tm-169



MAT 6925

MT= 74 (n,n') Level  
Legendre Coefficients

69-Tm-169



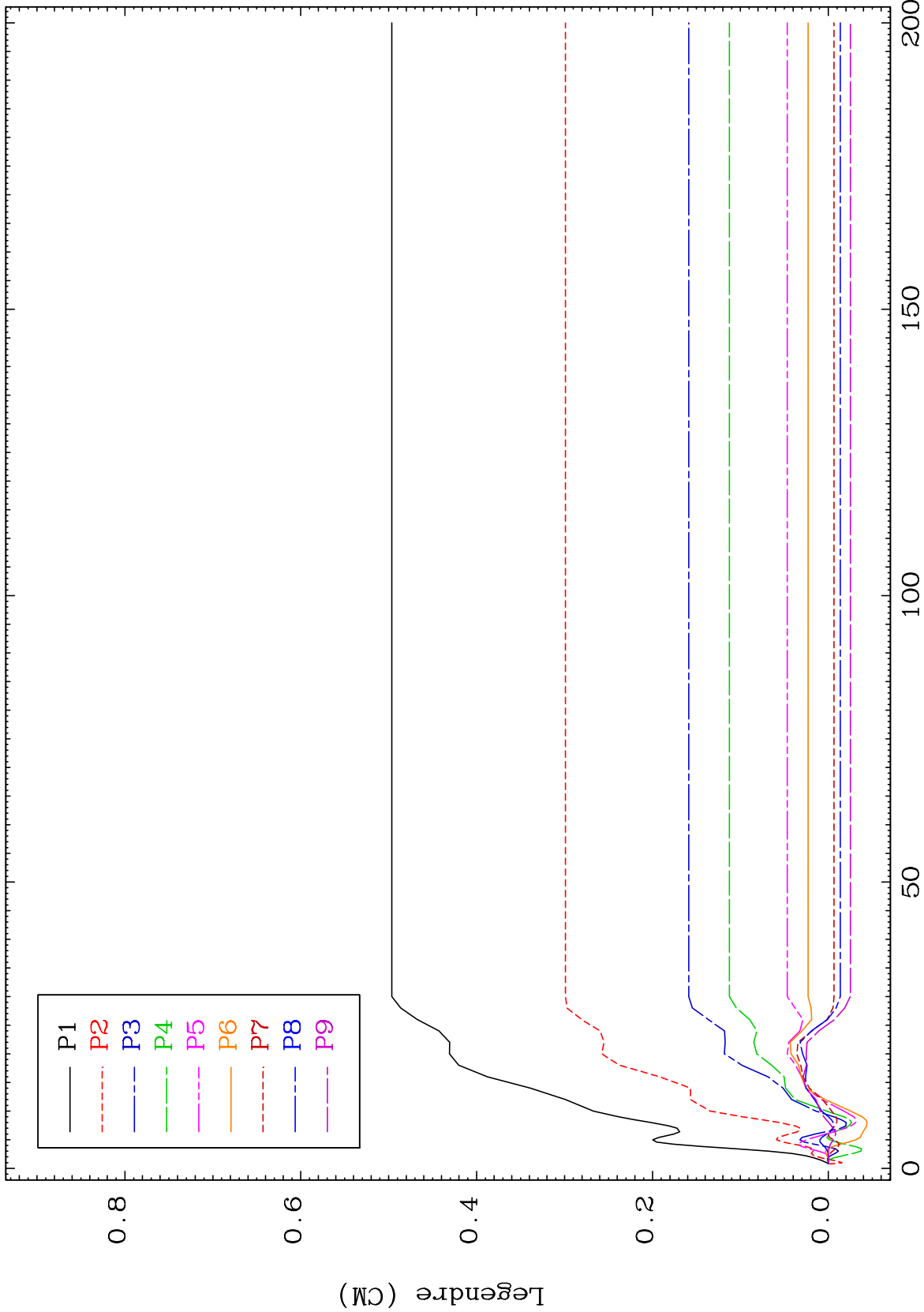
97

69-Tm-169

MAT 6925

MT= 75 (n,n') Level  
Legendre Coefficients

69-Tm-169



98

Incident Energy (MeV)

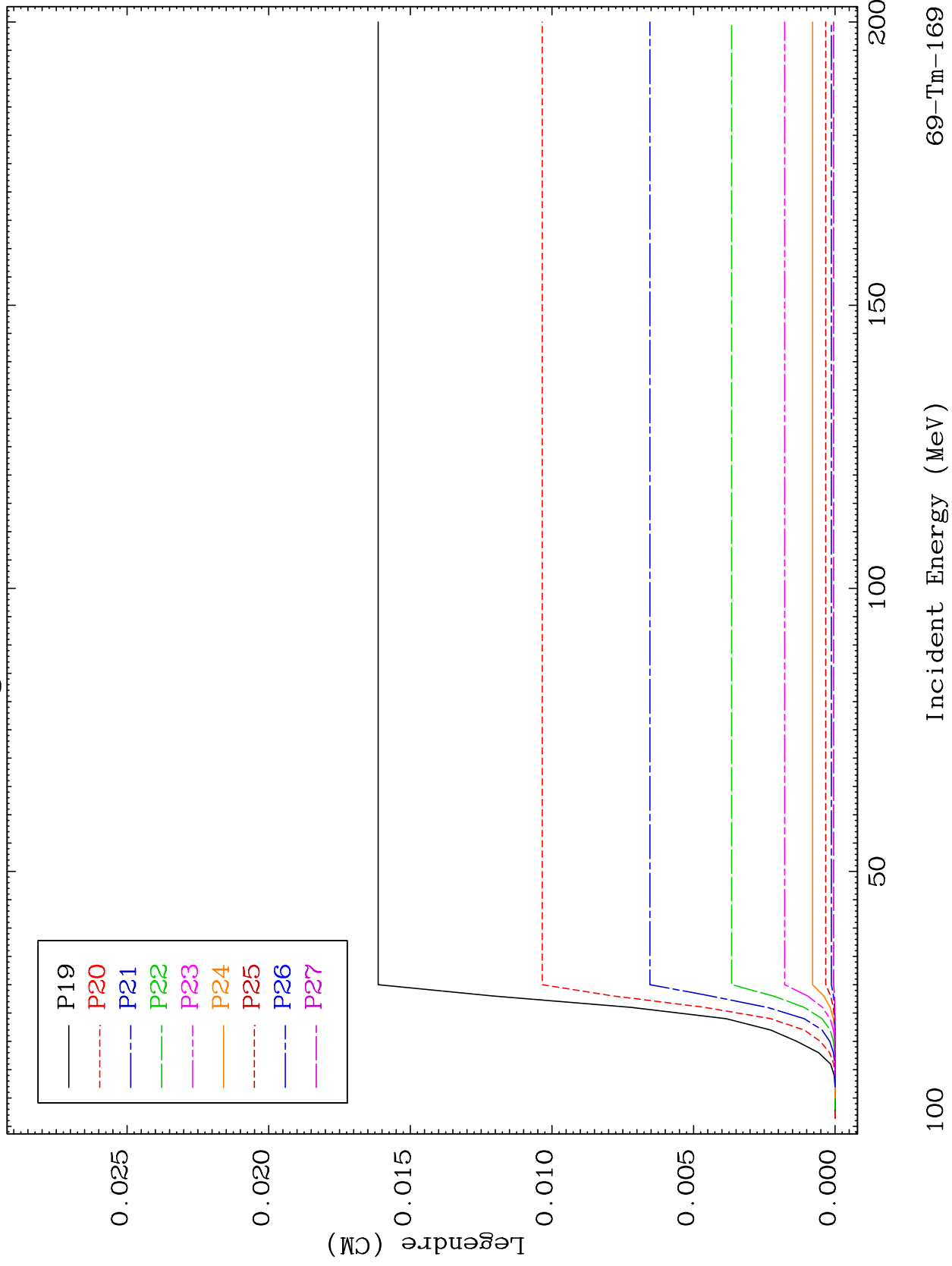
69-Tm-169



MAT 6925

MT= 75 (n,n') Level  
Legendre Coefficients

69-Tm-169



69-Tm-169

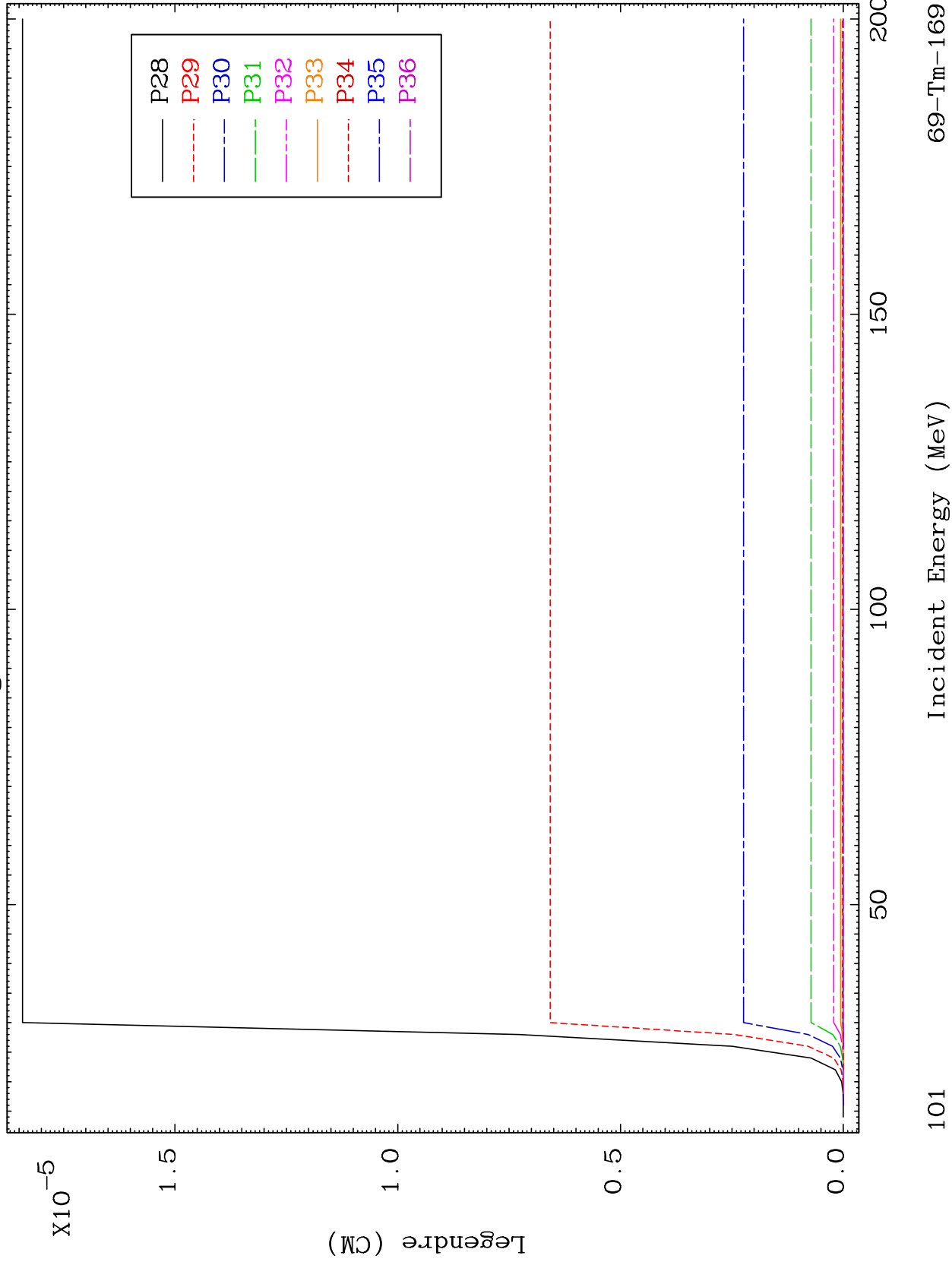
Incident Energy (MeV)

100

MAT 6925

MT= 75 (n,n') Level  
Legendre Coefficients

69-Tm-169



101

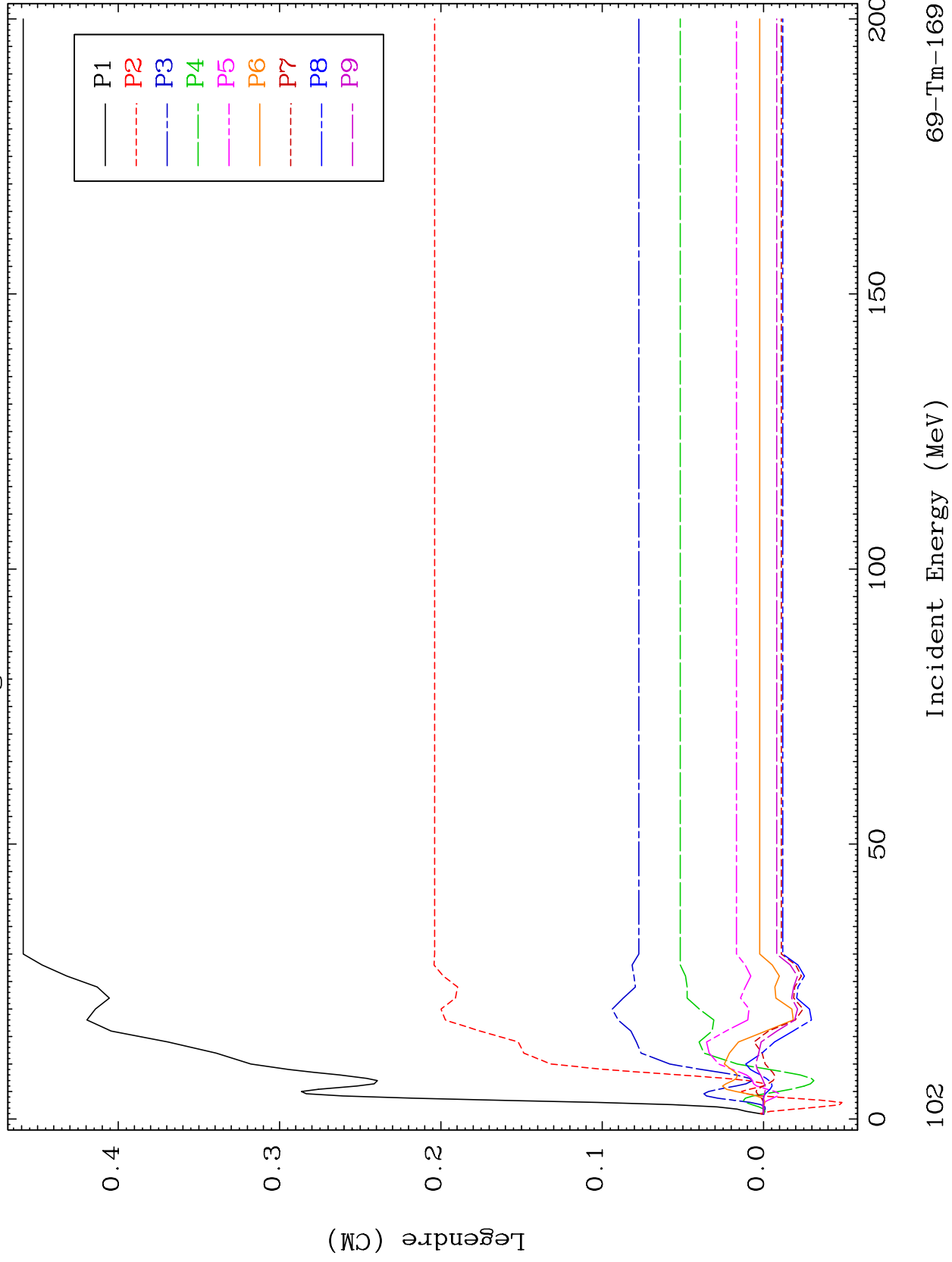
Incident Energy (MeV)

69-Tm-169

MAT 6925

MT= 76 (n,n') Level  
Legendre Coefficients

69-Tm-169



69-Tm-169

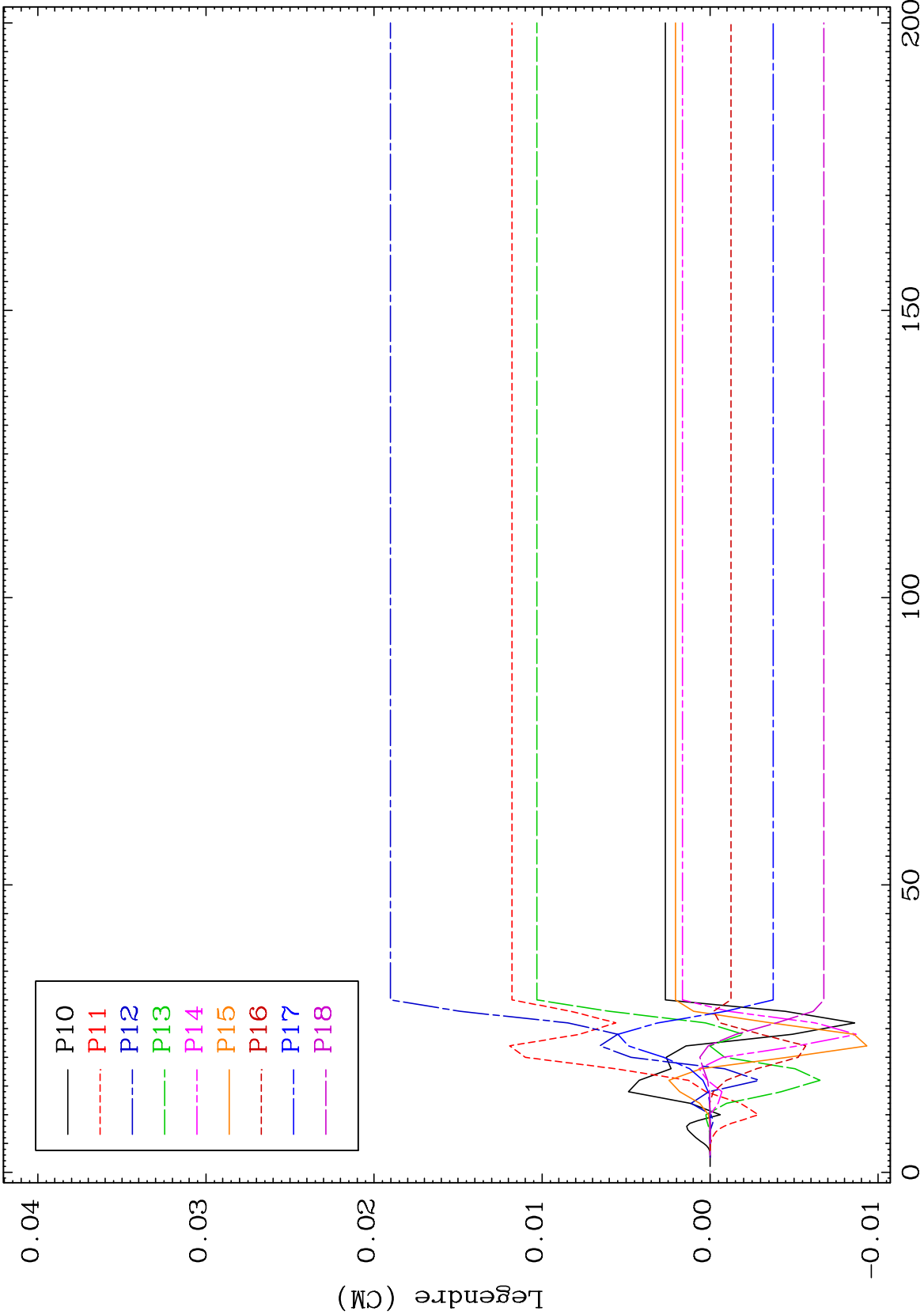
Incident Energy (MeV)

102

MAT 6925

MT= 76 (n,n') Level  
Legendre Coefficients

69-Tm-169



103

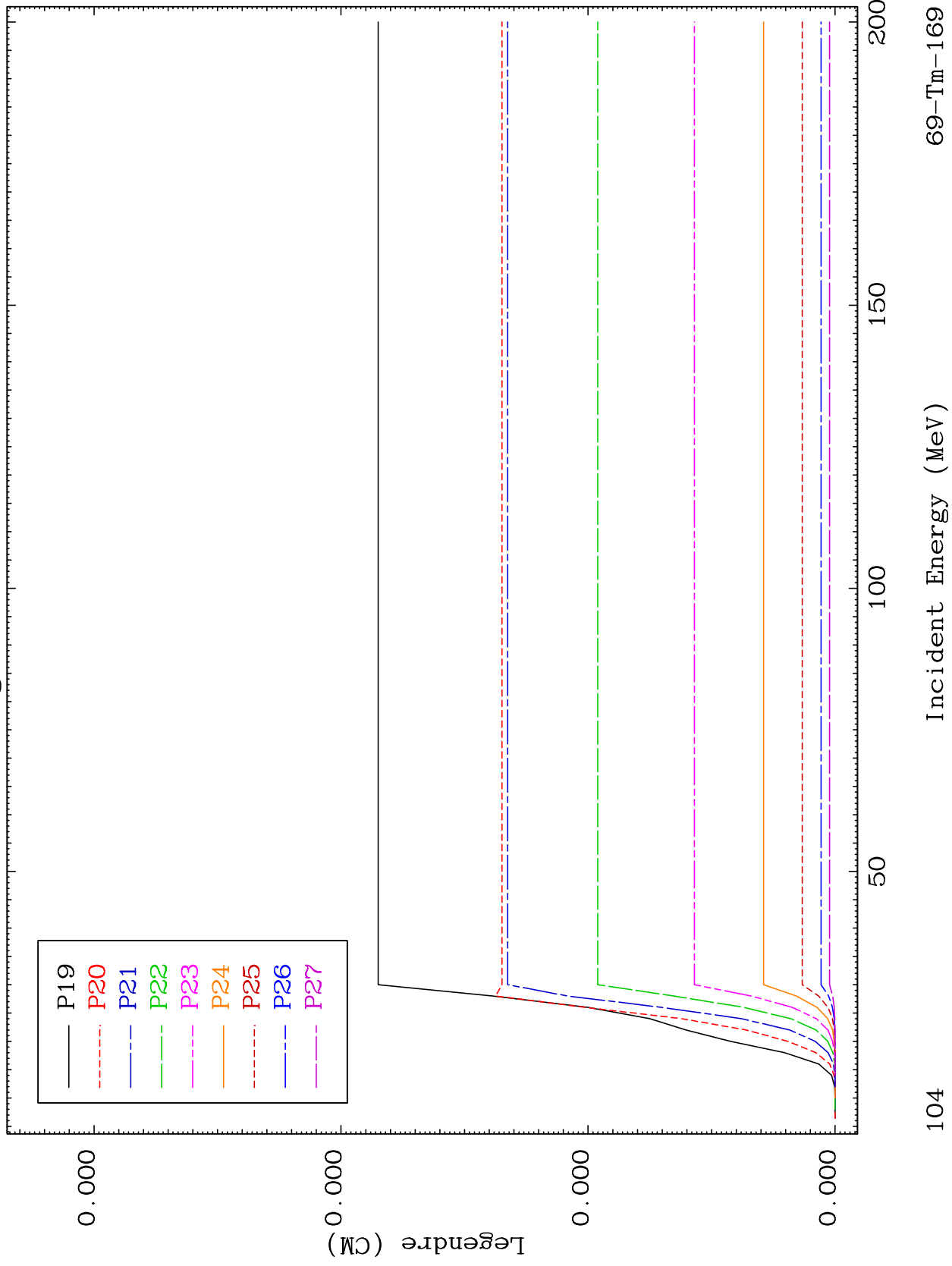
Incident Energy (MeV)

69-Tm-169

MAT 6925

MT= 76 (n,n') Level  
Legendre Coefficients

69-Tm-169



104

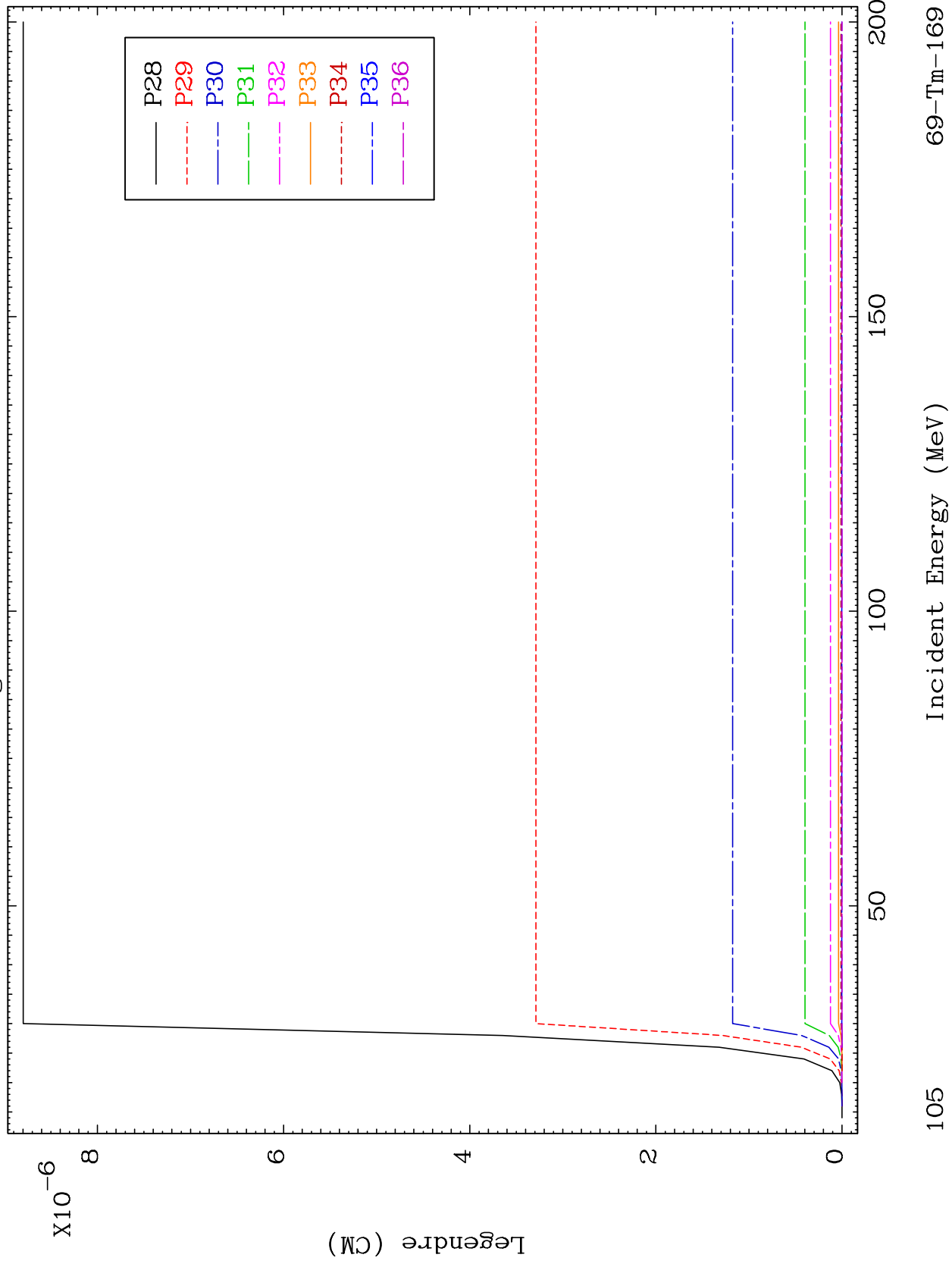
Incident Energy (MeV)

69-Tm-169

MAT 6925

MT= 76 (n,n') Level  
Legendre Coefficients

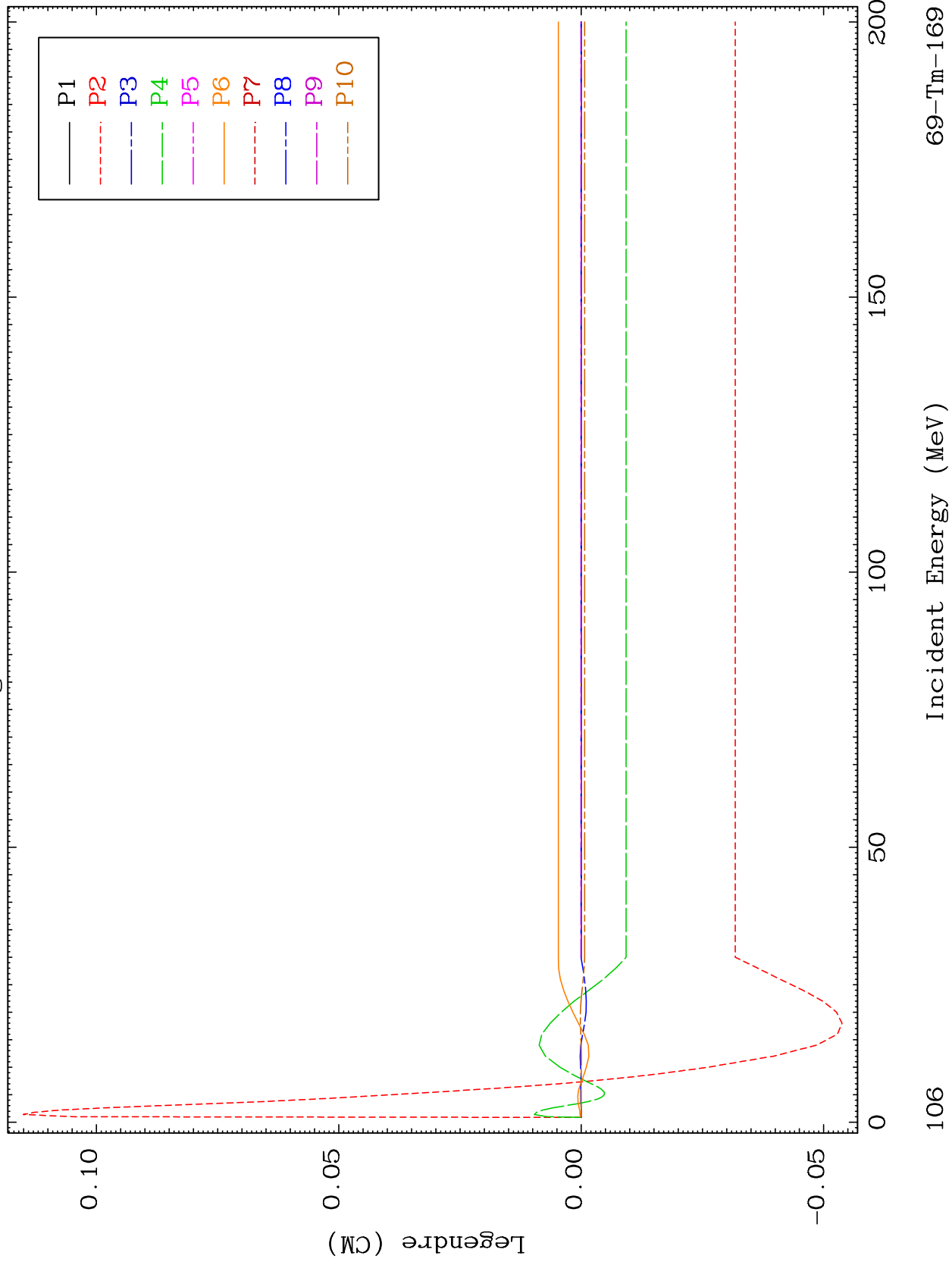
69-Tm-169



MAT 6925

MT= 77 (n,n') Level  
Legendre Coefficients

69-Tm-169



69-Tm-169

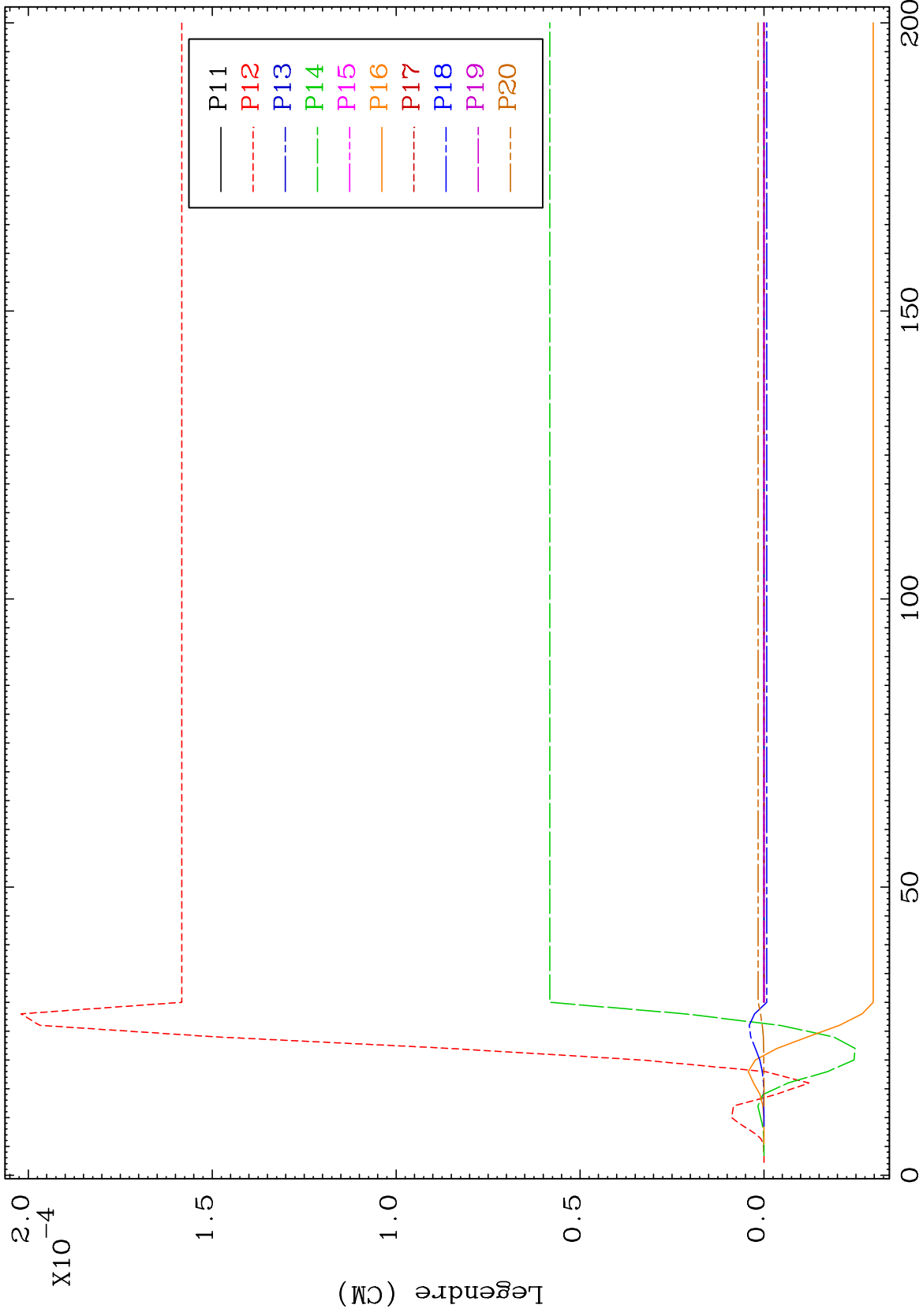
Incident Energy (MeV)

106

MAT 6925

MT= 77 (n,n') Level  
Legendre Coefficients

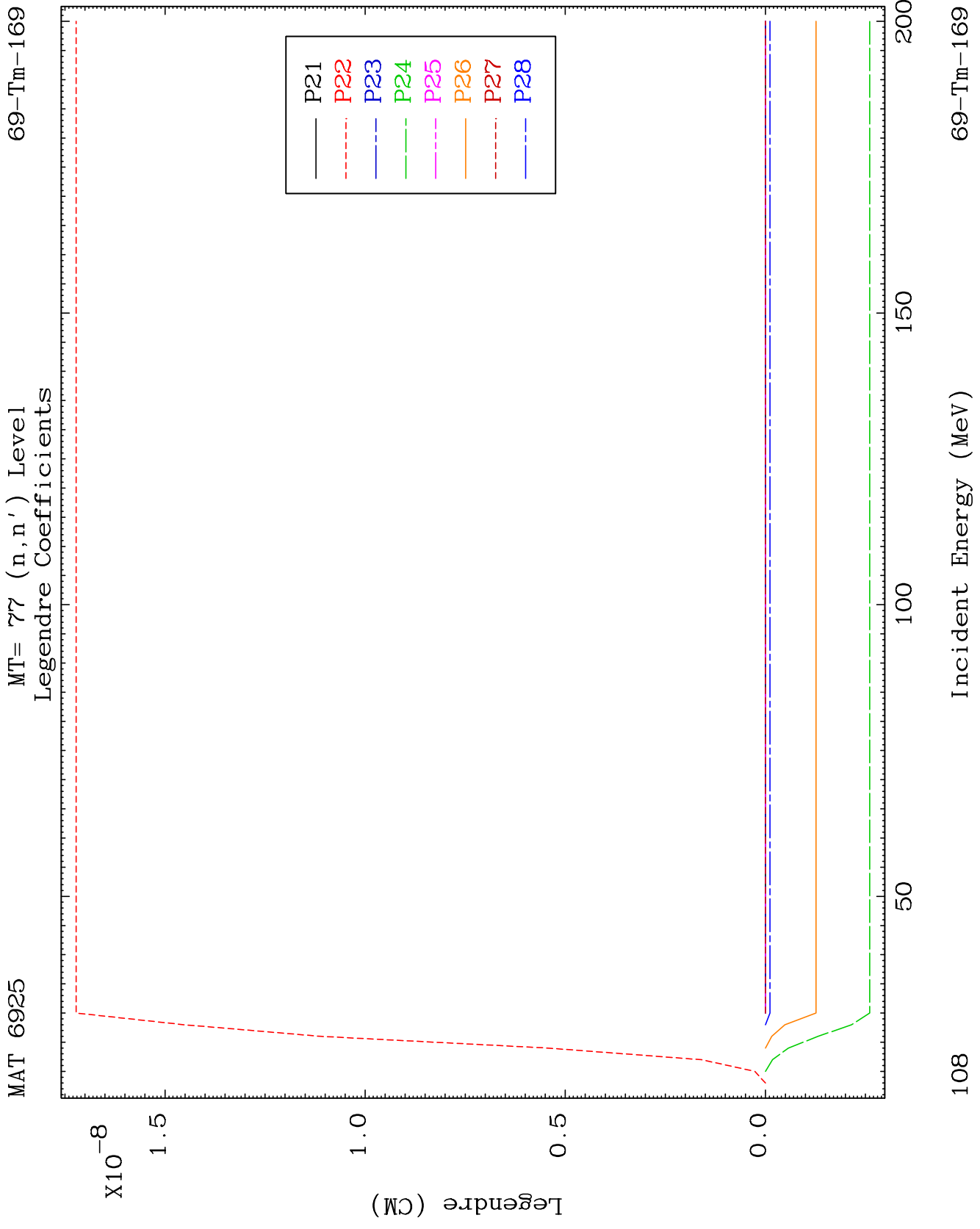
69-Tm-169



107

Incident Energy (MeV)

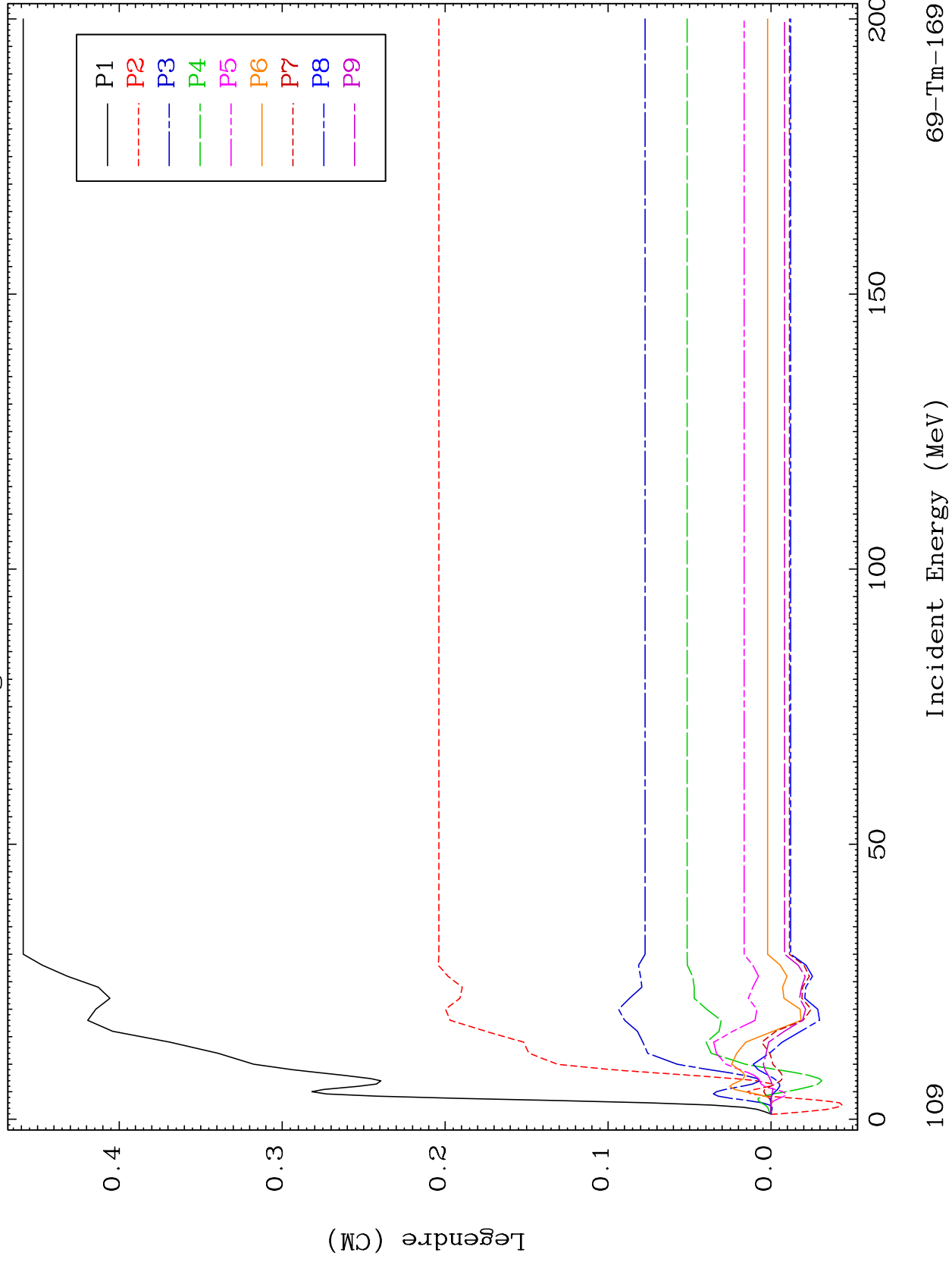
69-Tm-169



MAT 6925

MT= 78 (n,n') Level  
Legendre Coefficients

69-Tm-169



69-Tm-169

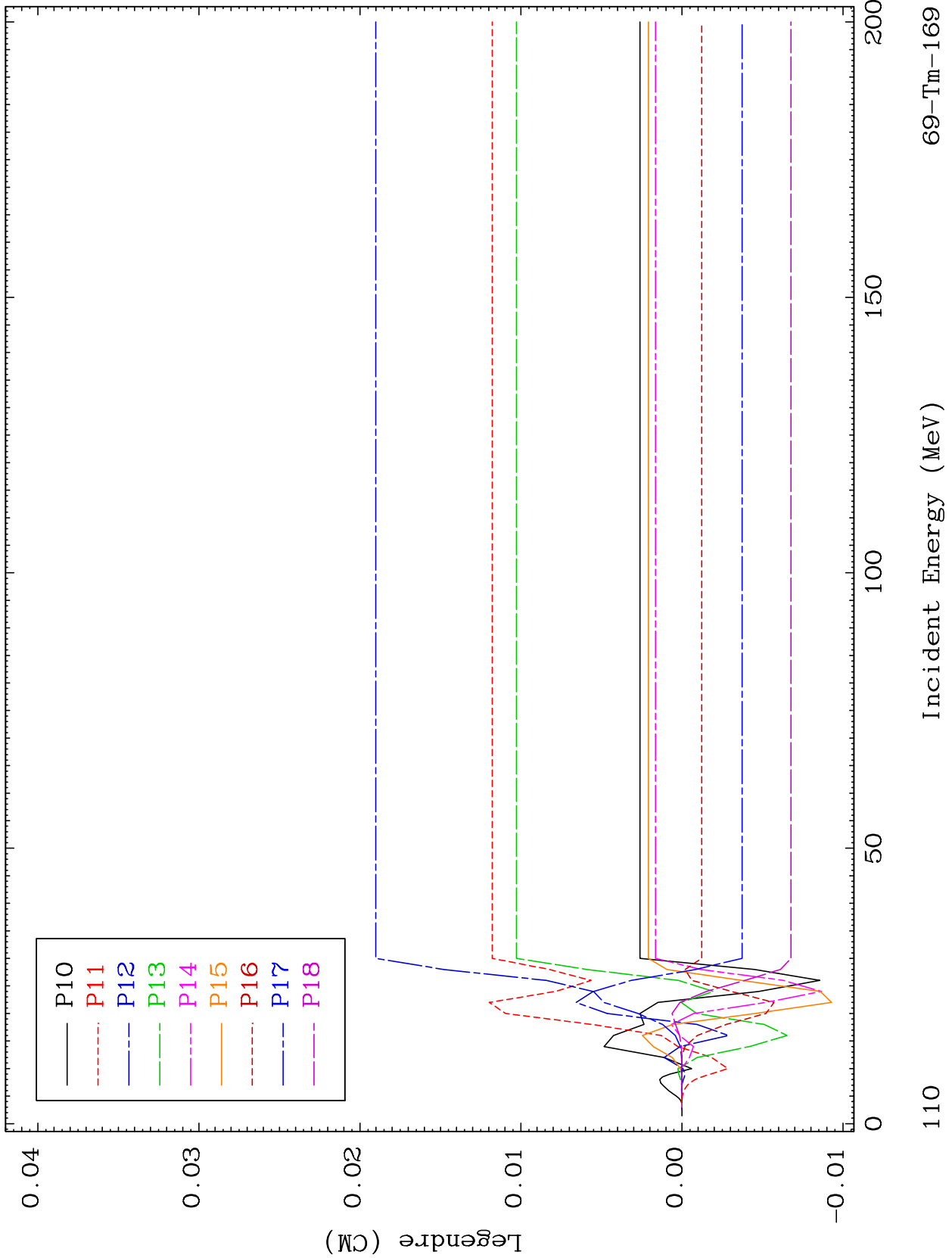
Incident Energy (MeV)

109

MAT 6925

MT= 78 (n,n') Level  
Legendre Coefficients

69-Tm-169



69-Tm-169

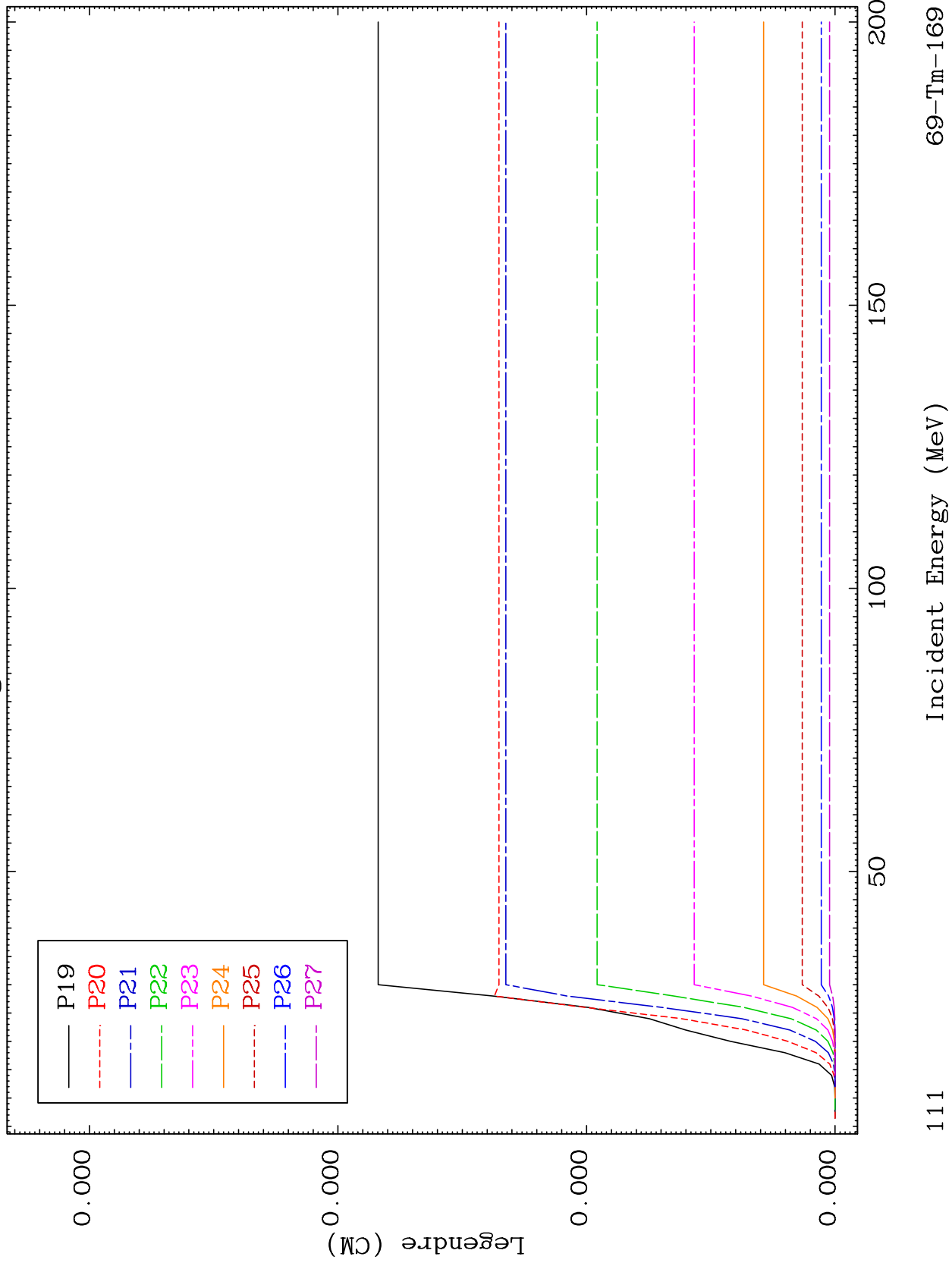
Incident Energy (MeV)

110

MAT 6925

MT= 78 (n,n') Level  
Legendre Coefficients

69-Tm-169

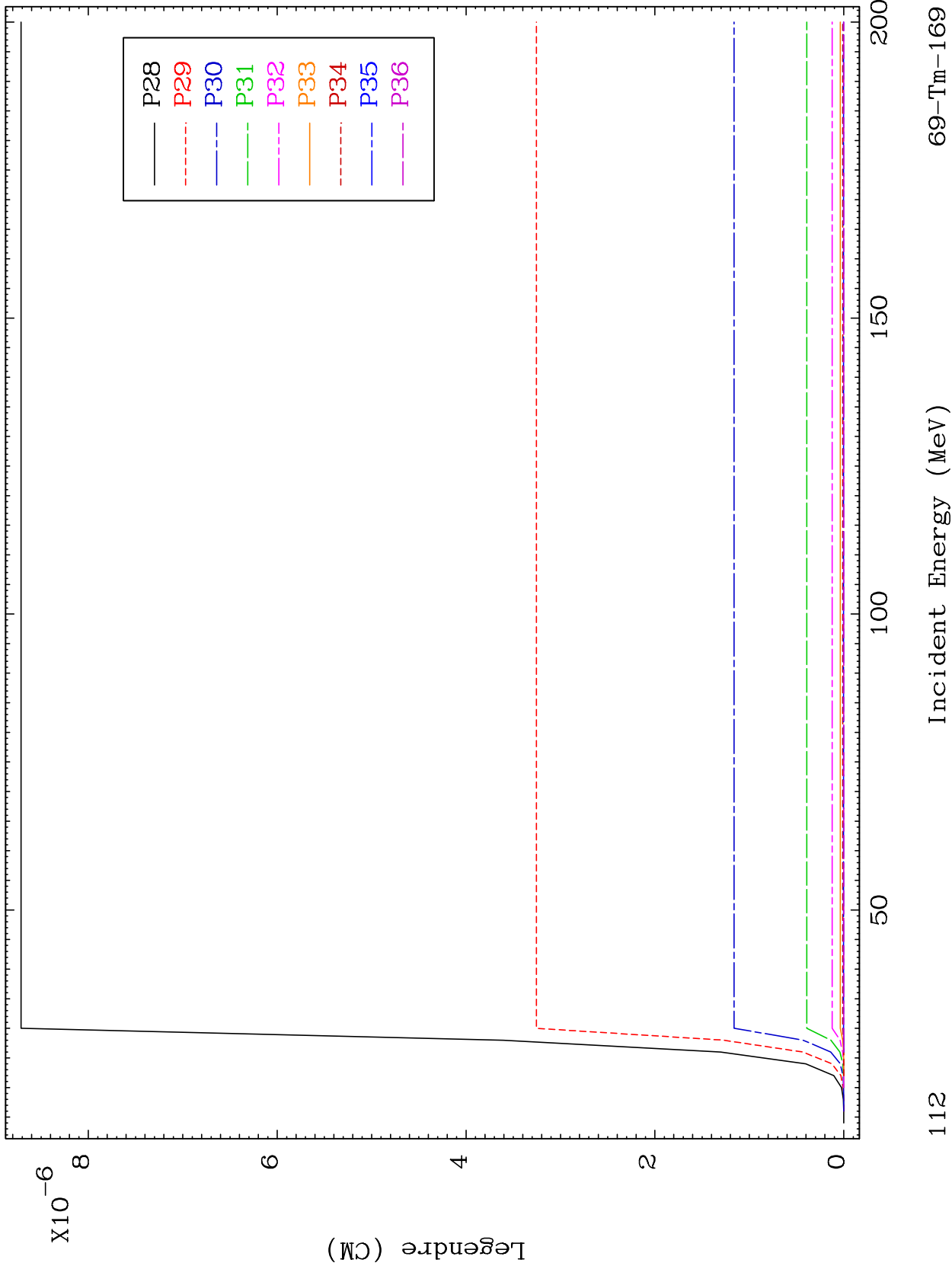


111

MAT 6925

MT= 78 (n,n') Level  
Legendre Coefficients

69-Tm-169



112

Incident Energy (MeV)

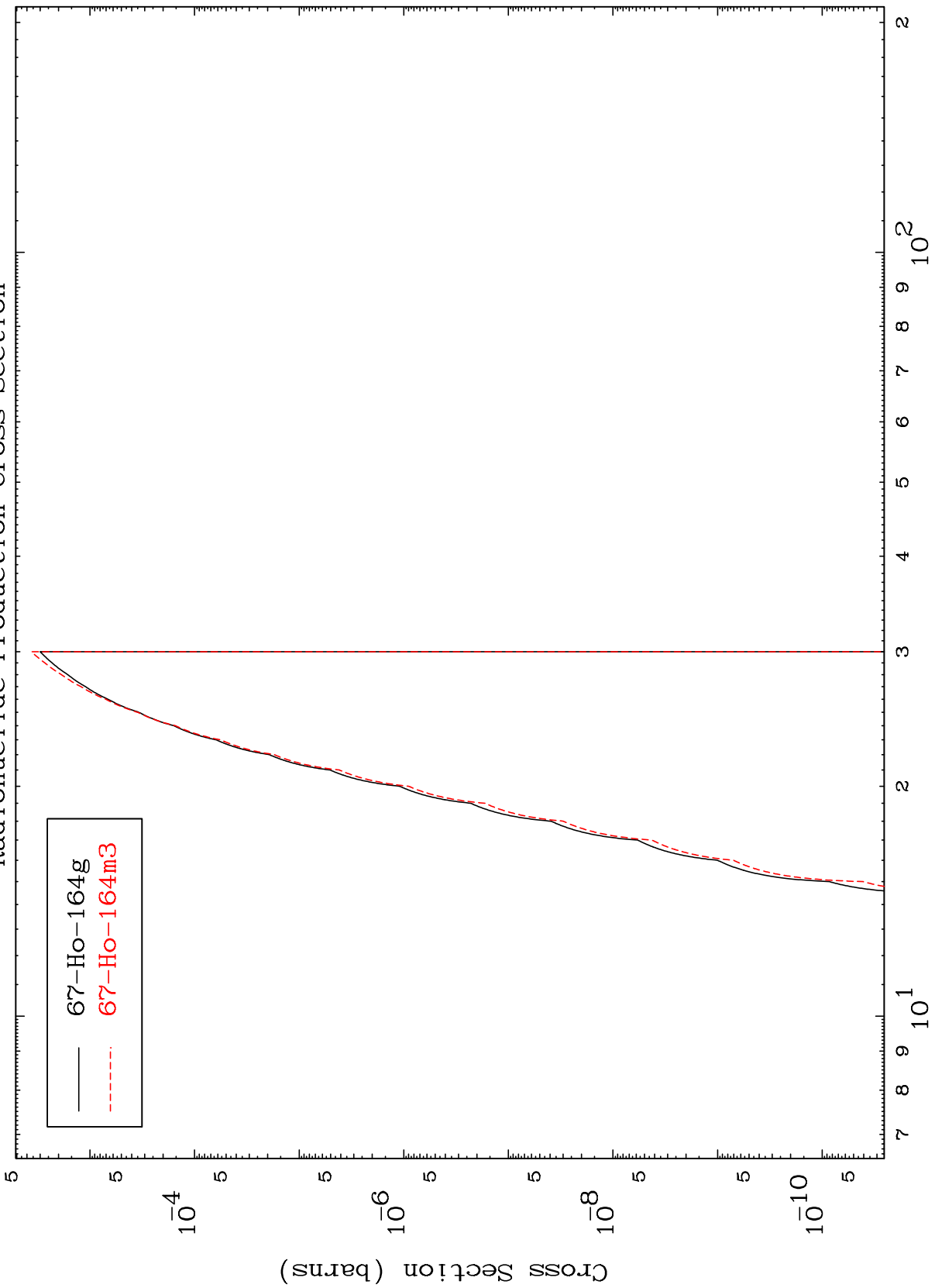
69-Tm-169

MAT 6925

$(n,2n) \alpha$

69-Tm-169

Radionuclide Production Cross Section



113

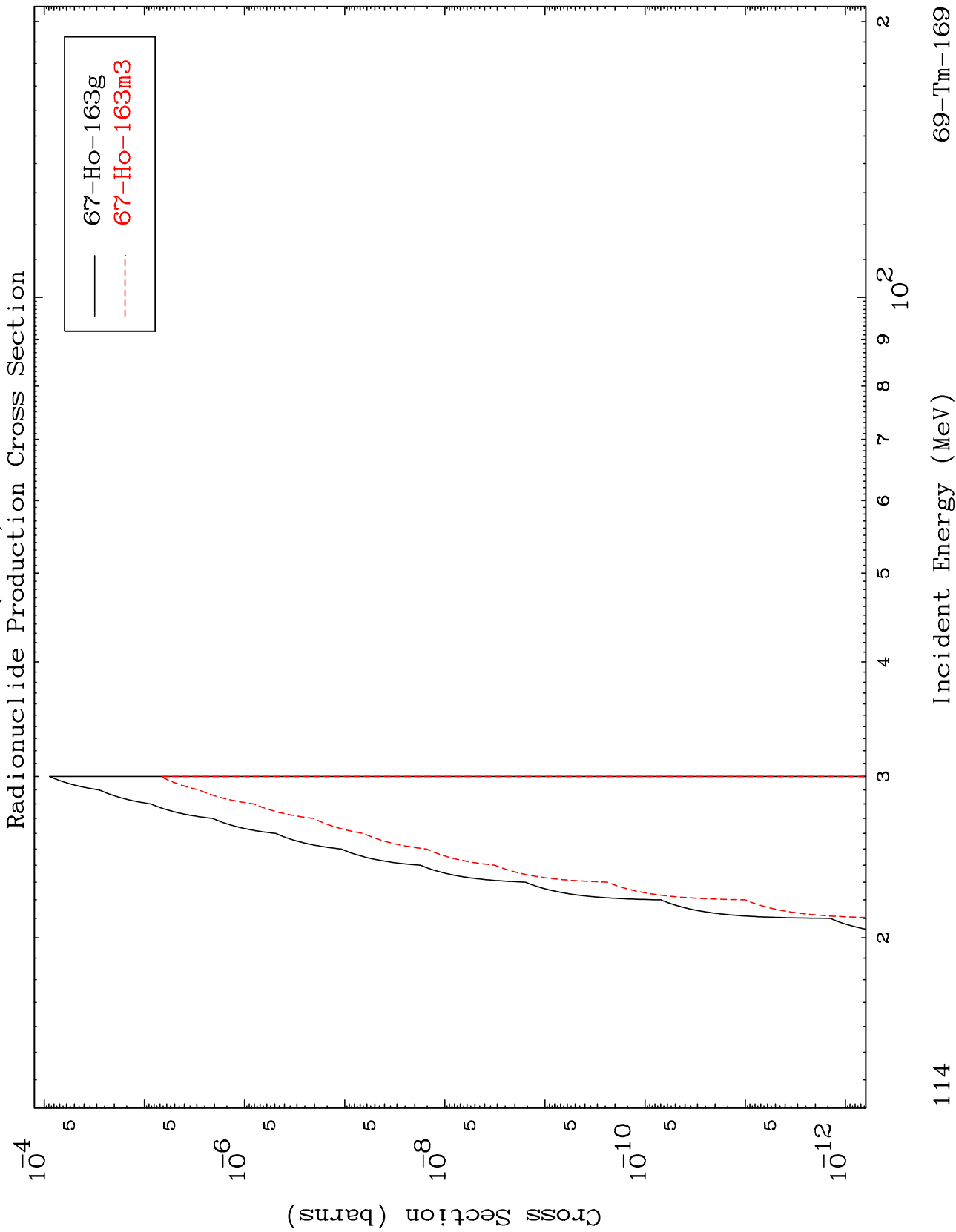
Incident Energy (MeV)

69-Tm-169

MAT 6925

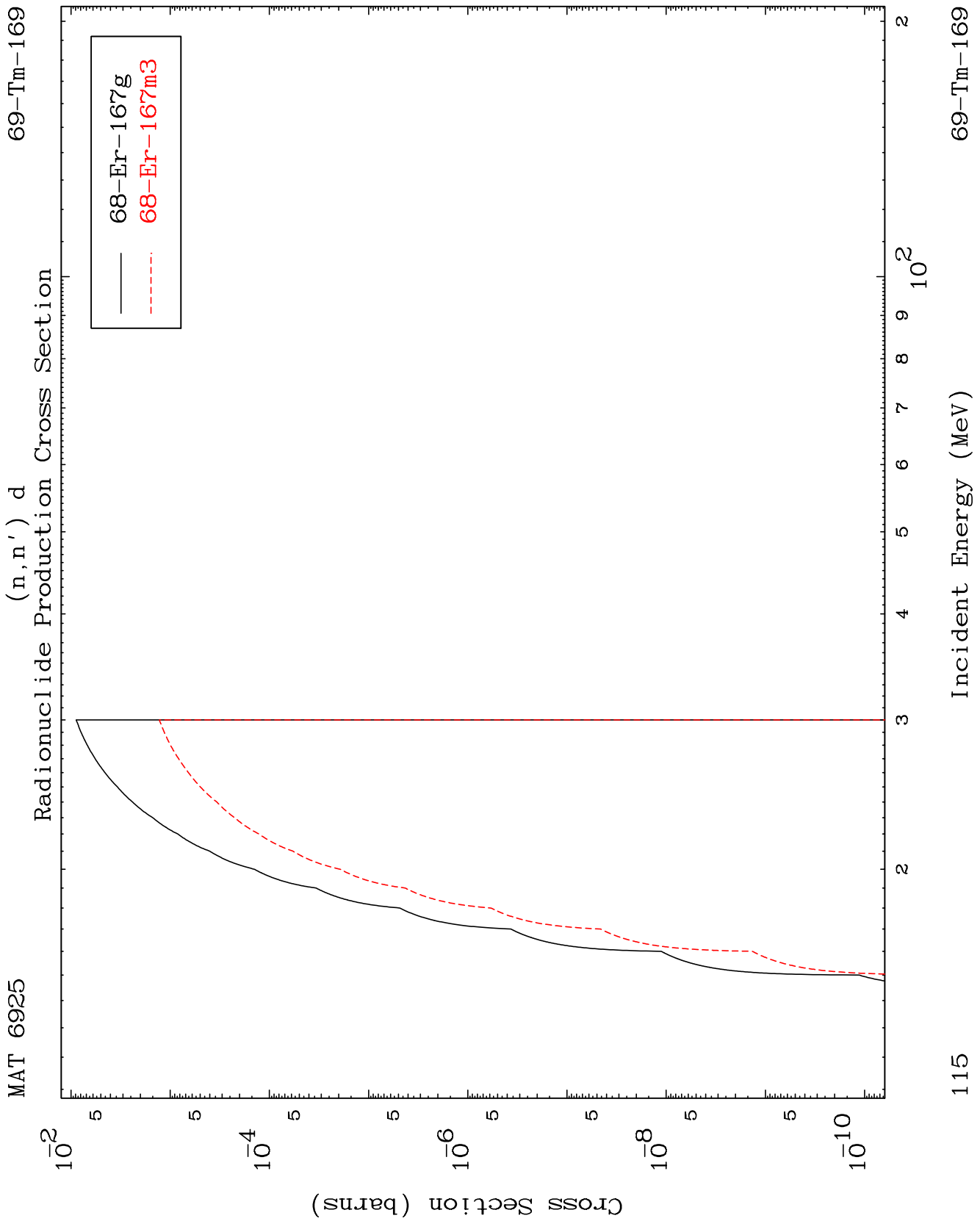
(n,3n)  $\alpha$

69-Tm-169



114

69-Tm-169

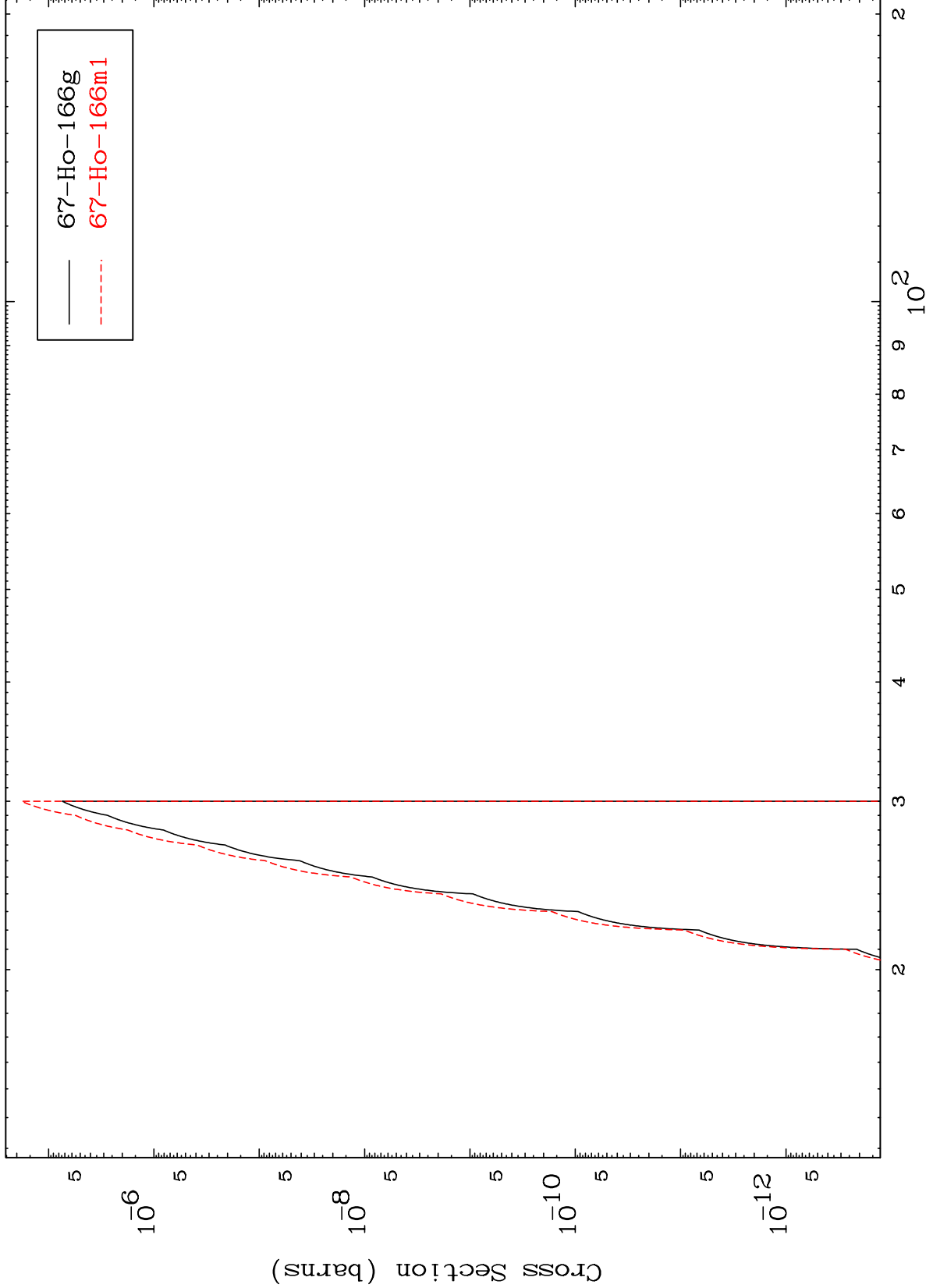


MAT 6925

(n,n') He-3

69-Tm-169

Radionuclide Production Cross Section

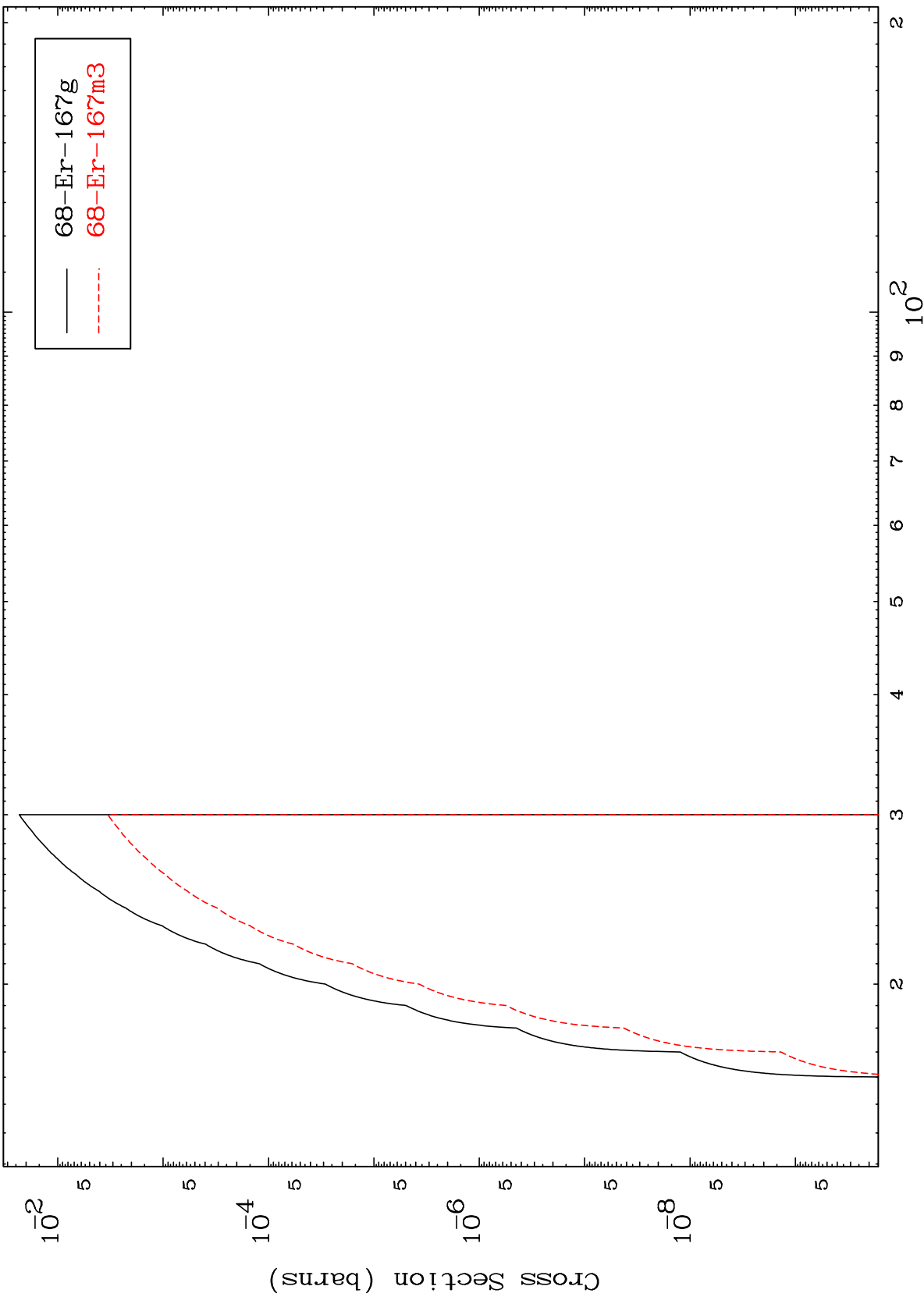


116

Incident Energy (MeV)

69-Tm-169

Radionuclide Production Cross Section

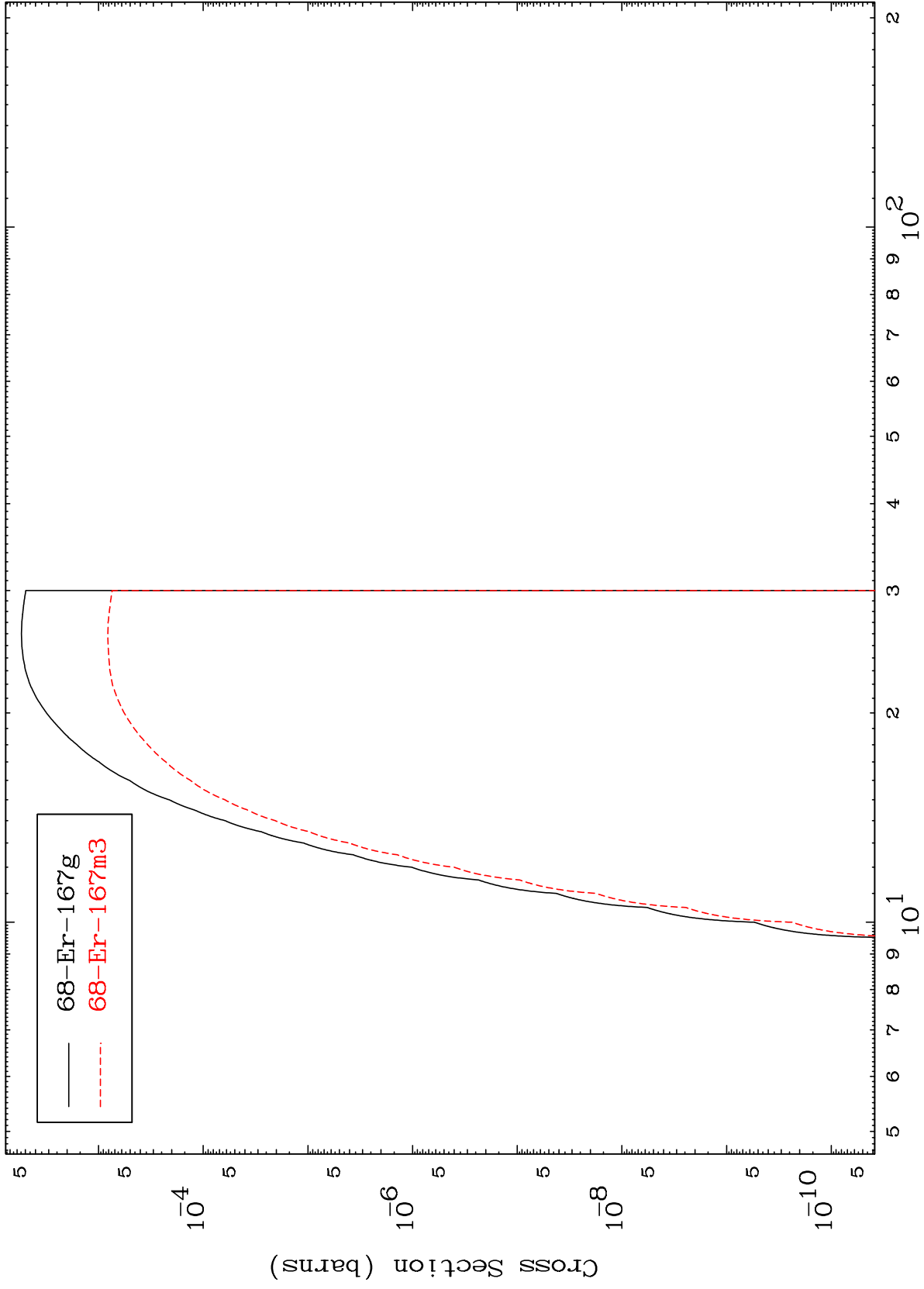


68-Er-167g  
68-Er-167m3

MAT 6925

69-Tm-169

(n, t)  
Radionuclide Production Cross Section

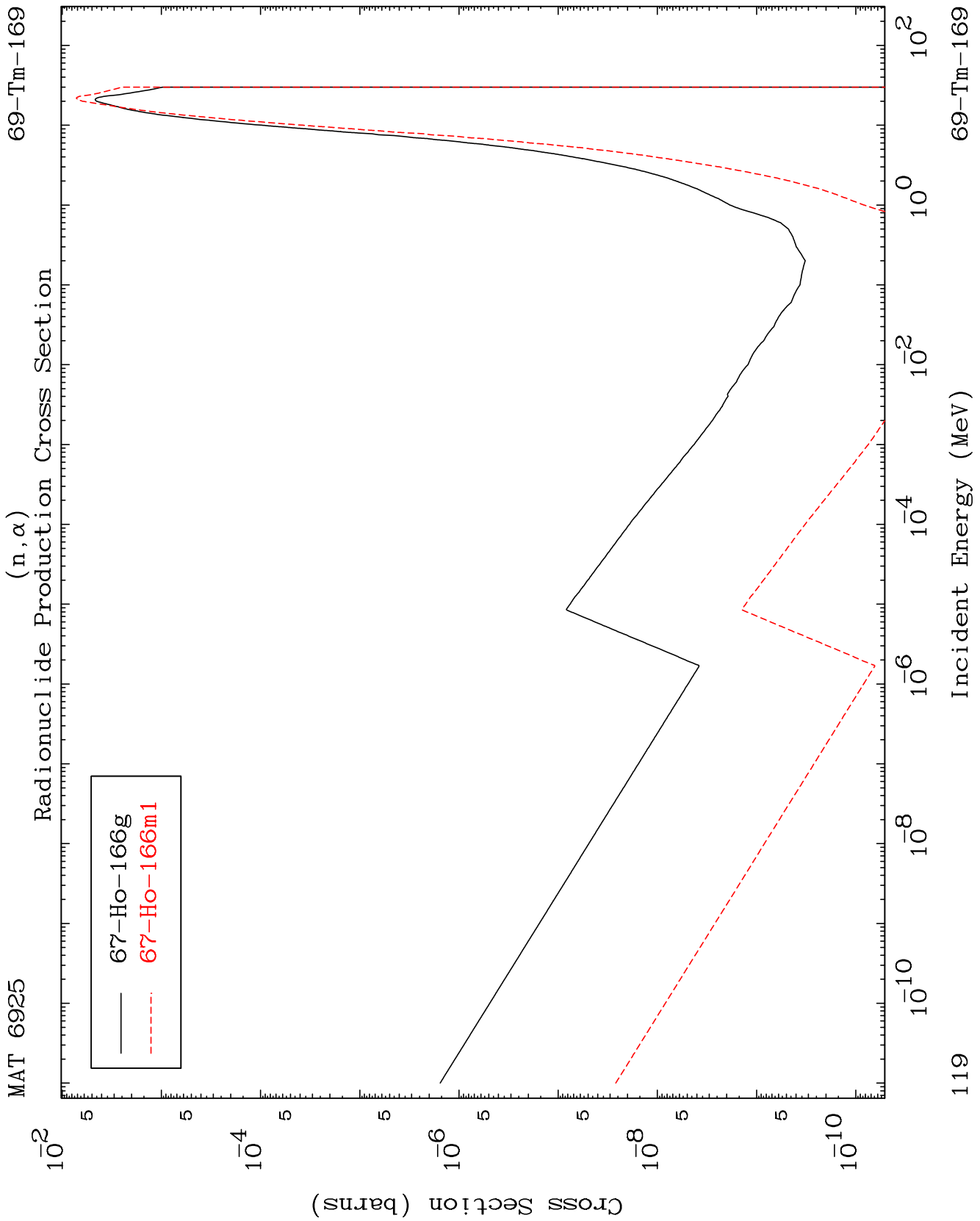


68-Er-167g  
68-Er-167m3

118

Incident Energy (MeV)

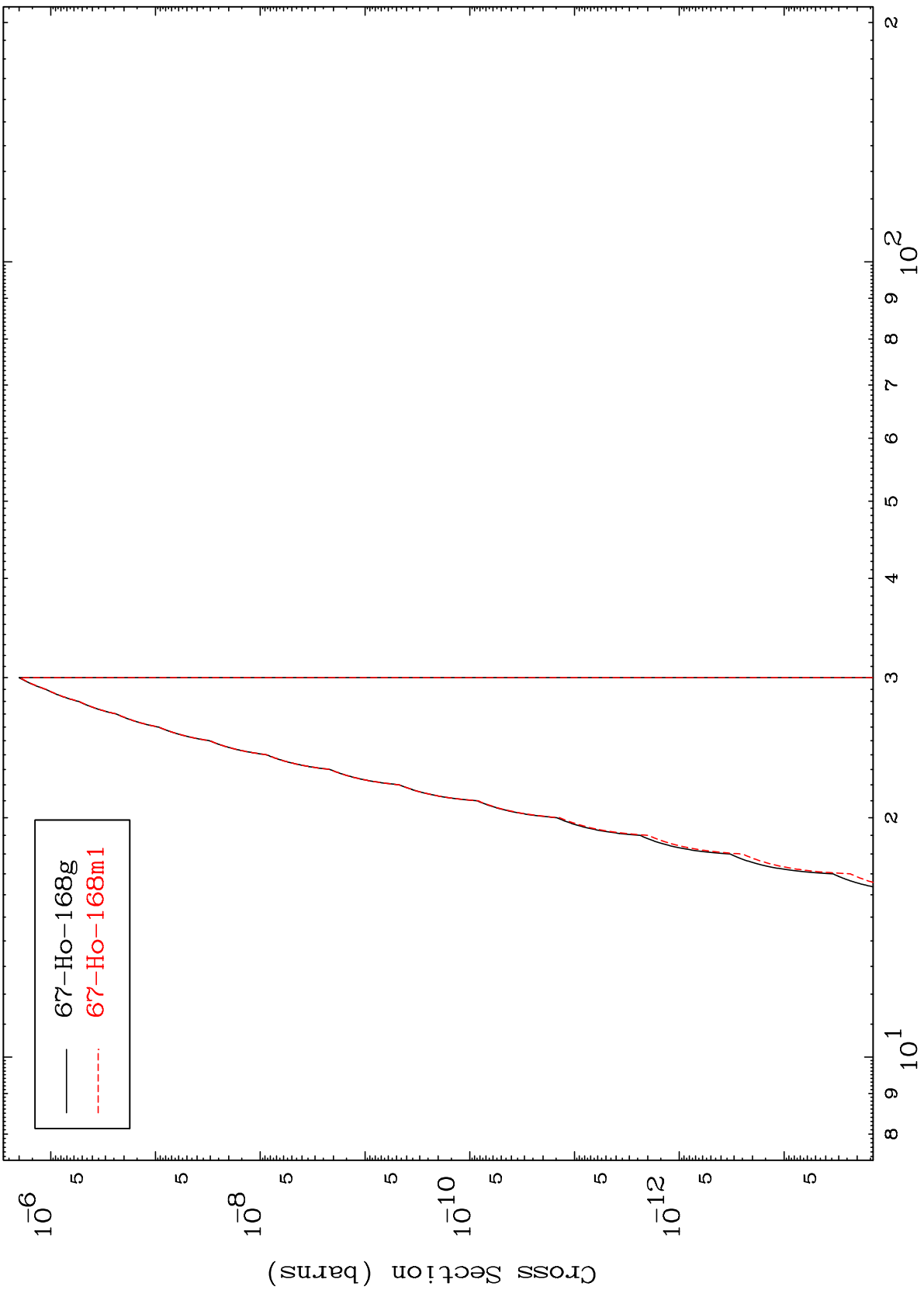
69-Tm-169



MAT 6925

69-Tm-169

(n,2p)  
Radionuclide Production Cross Section



120

Incident Energy (MeV)

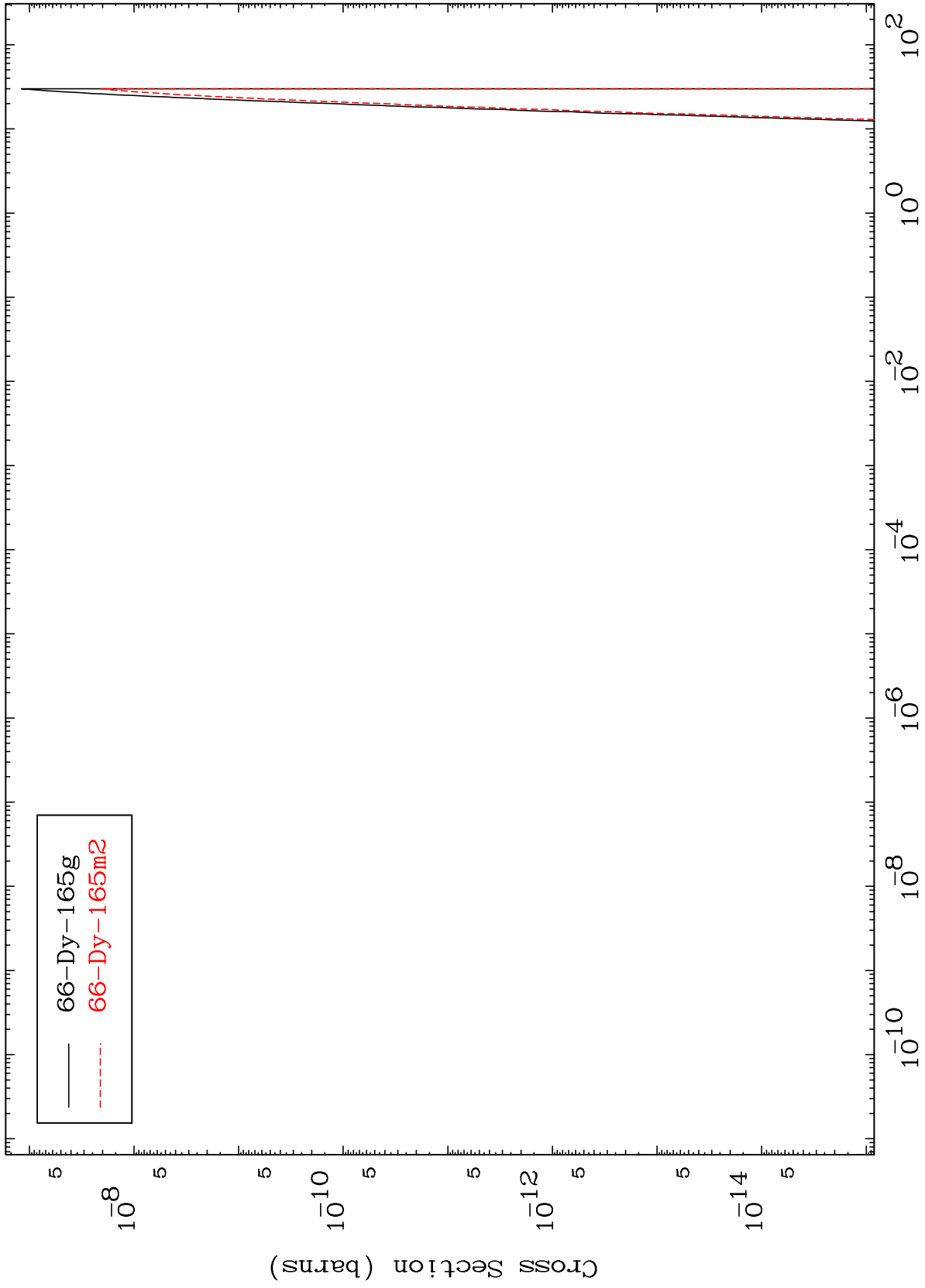
69-Tm-169

MAT 6925

(n,p)  $\alpha$

69-Tm-169

Radionuclide Production Cross Section



121

Incident Energy (MeV)

69-Tm-169

Radionuclide Production Cross Section

